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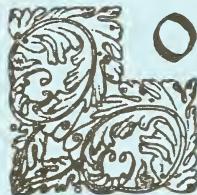
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**MUZZY BROTHERS  
SEEDS and IMPLEMENTS  
POULTRY SUPPLIES  
ESTABLISHED 1835**

**1926**

**143 MAIN STREET  
PATERSON, N. J.**

# SPECIAL NOTICE



**O**UR Aim is to sell the Best Seeds Obtainable. We give no warranty, expressed or implied as to description, purity, quality, productiveness, or any other matter of any seeds, bulbs or plants we sell, and we will not in any way be responsible for the crop. If the purchaser does not accept the goods on these terms they are to be returned, and money refunded. **NOT TESTED SEED.** So marked to comply with chapter 228, Laws N. J., 1916

**MUZZY BROTHERS**  
**SEED AND AGRICULTURAL WAREHOUSE**

143 Main Street,

Paterson, N. J.

# Muzzy Brothers

Established 1835

1835

Farm, Garden and Flower  
S E E D S

1926

GARDEN TOOLS

FERTILIZERS  
SPRAYING MATERIALS

PUMPS

THE 1925 edition of our annual Catalogue of Seeds, Agricultural Implements and Poultry Supplies affords us an opportunity to thank our many friends for the confidence and patronage, covering a period of 91 years. Such loyalty is truly an inspiration to set a high mark for our standard and continue the work to make our best better. It is our purpose to add to the wealth of the community—not to detract. Seeds are cheap or expensive, as measured by their ability to produce profitable crops, and not per cost of pound or bushel. Our efficient laboratory service enables us to determine their viability; and field inspection of the growing crops minimizes the possibility for error or disappointment.

We Make a Specialty of GRASS SEED MIXTURES, Including  
Special Lawn; Standard Lawn; Velvet Lawn, and Shady Lawn  
ALSO FOR HAY AND PASTURE

## OUR POULTRY SUPPLIES

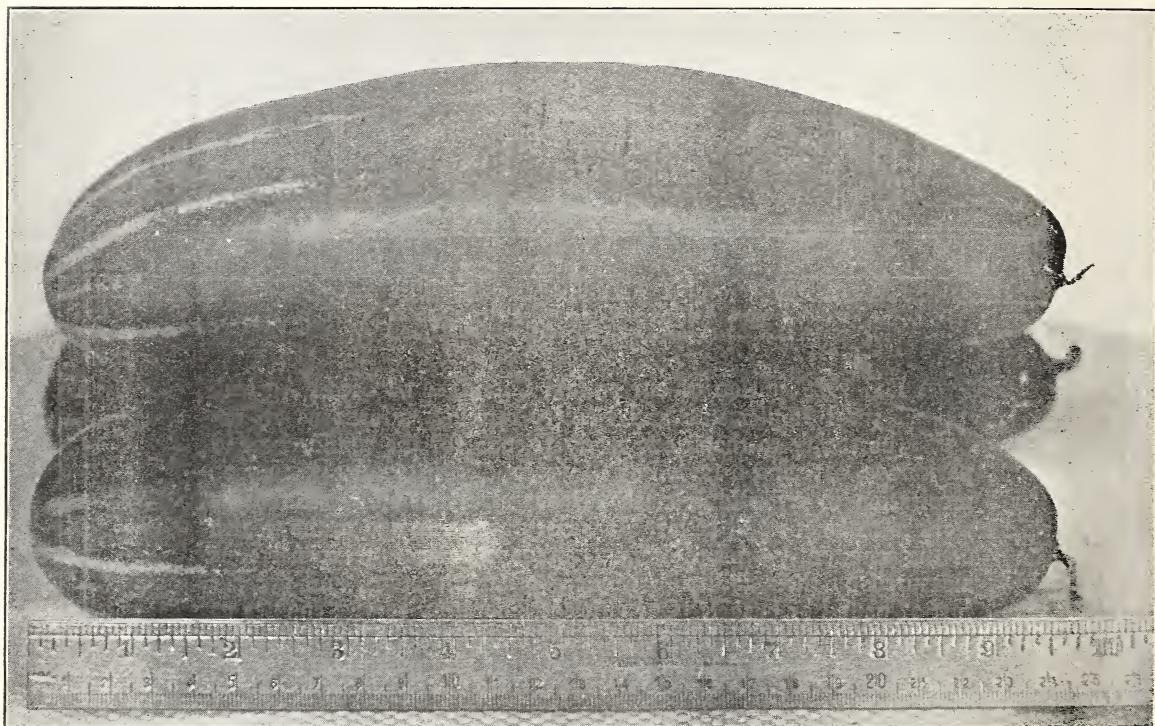
*We are printing the annual list in conjunction with the Seed Catalogue, and offer a comprehensive introductory to this special feature.*

*The name "MUZZY" applied to our special formulas represents the superlative. In feed it signifies purity, sound, clean, sweet grain. We do not employ adulterants or by-products, screenings, salvaged stock, or musty and damaged matter. QUALITY and the BEST spells it another way.*

## SPECIAL NOTICE TO MARKET GARDENERS

We sell to Market Gardeners, Truckers and Farmers' Clubs at special wholesale rates, and solicit your inquiries for close prices on round lots.

# *Novelties*

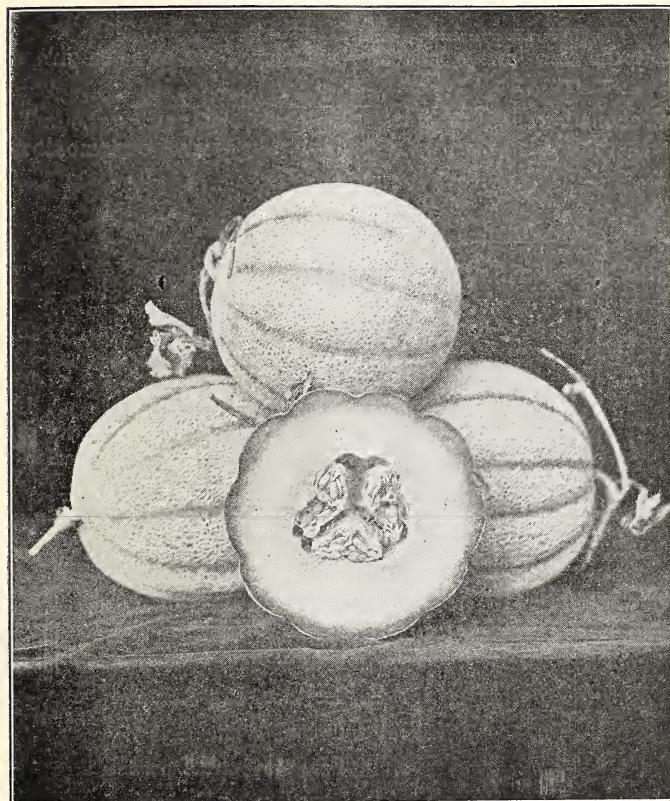


(Actual Photograph)

## *Clark's Special Cucumber*

This special strain developed over a period of years for critical market garden trade has outstanding merits as a main crop Cucumber. First, it is a good shipper and will hold its color and firmness when handled over long distances. Second, it has a very attractive deep green color, being the darkest green Cucumber that we know on the market today. Third, it is uniform in length, running from 8 to 10 inches, and smooth in appearance having very few white spines. On account of its small seed pockets it is of excellent quality for slicing. In fact these superior qualities make this variety deservedly popular and it is increasingly in demand. **Price, pkg., 15c; 1 oz., 35c.**

## Hearts of Gold



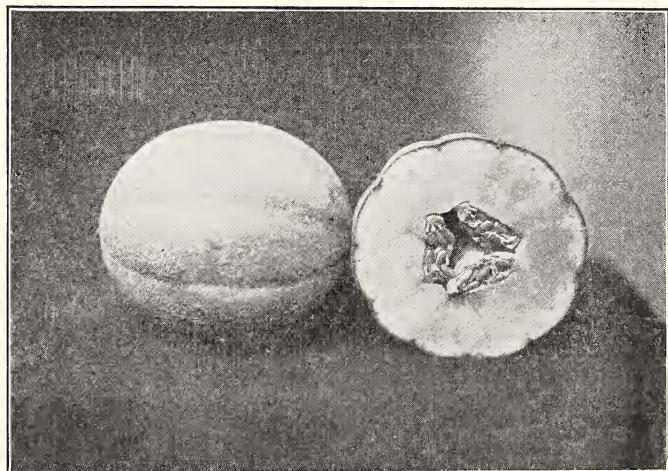
A selection from Hoo Doo, this melon runs very uniform in size. It is a splendid shipping variety and is increasing in use. While originally it was identical with Hoo Doo, shippers now are demanding a strain a little larger than Hoo Doo and with more netting. The Hearts of Gold is now shipped in season from California and Nevada to the Atlantic states with great success. The seed cavity being remarkably small, it carries as well, if not better, than the Pollock types. Edible in 92 days. Size 6x5 inches. Weight, 2 pounds.

Price, 25c oz.; 75c  $\frac{1}{4}$  lb.

## Tip Top

This kind cannot be excelled for its eating qualities. The flesh is a bright salmon color, remarkably thick, sweet and spicy. It varies from round to slightly oblong and with a green skin turning to a lemon color as it approaches maturity. The netting, on the indistinct ribs, is slight and the melon makes a very attractive showing, both on the exterior and when cut. It will stand shipping moderate distances. Edible in 96 days. Size,  $8\frac{1}{2} \times 7\frac{1}{2}$  inches. Weight,  $6\frac{1}{2}$  to  $7\frac{1}{2}$  pounds.

Price 25c oz.; 75c  $\frac{1}{4}$  lb.



# Collection of Vegetable Seeds

Only the choicest sorts are put into the assortments, and they are picked out so as to give a continuous supply of vegetables from your garden all season.

The amount charged for these collections is considerably less than you would pay for the individual seeds, on account of the fact that we are able to put them up during the slack winter months.

## COLLECTION for small Gardens \$1.00 (Including Postage in the U. S.)

1 Pa. Green Beans .....	10	1 Pa. Melon .....	05
" " Wax Beans .....	10	" " Pepper .....	10
" " Lima Beans .....	10	" " Parsley .....	05
" " Beets .....	05	" " Peas .....	10
" " Cabbage .....	10	" " Radish .....	05
" " Celery .....	10	" " Spinach .....	05
" " Carrot .....	05	" " Turnip .....	05
" " Golden Bantam Corn .....	10	" " Tomato .....	10
" " Lettuce .....	05	" " Swiss Chard .....	05
" " Onion .....	10		

## COLLECTION NO. 1, All the popular varieties \$1.50 (Including free delivery.)

1 pa. Beans, Refugee Green-Pod.
½ lb. Beans, Golden Wax.
1 oz. Beet, Egyptian.
½ " Cabbage, Early Wakefield.
1 " Carrot, Half-Long.
½ lb. Corn, Early Bantam.
1 pa. Cucumber, Imp. White Spine.
1 " Leek, Best Flag.

1 Pa. Lettuce, Big Boston.
1 Pa. Onion, White Globe.
1 " Parsley, Extra Curled.
½ lb. Peas, Gradus Early.
½ oz. Radish, Scarlet Turnip.
1 oz. Spinach, Viroflay.
1 oz. Turnip, Red Top.

## COLLECTION NO. 2, Fairly Complete, \$3.50 (Including free delivery.)

½ lb. Beans, Refugee Green-Pod.
½ lb. Beans, Golden Wax.
1 oz. Beet, Egyptian.
1 " Beet, Globe.
½ " Cabbage, Early Wakefield.
½ " Cabbage, Red, for pickling.
1 " Carrot, Half-Long.
1 Pa. Cauliflower, Snowball.
1 " Celery, White Plume.
½ lb. Corn, Early Bantam.
½ lb. Corn, Stowell's Evergreen.
1 oz. Cucumber, Imp. White Spine.
1 Pa. Eggplant, Imp. N. Y. Purple
1 " Kohlrabi, Early White.

1 pa. Leek, Best Flag.
1 oz. Lettuce, Big Boston.
1 Pa. Lettuce, Cos. or Romaine.
1 " Melon, Long Island Beauty.
1 " Melon, Water, Black Spanish.
1 " Onion, White Globe.
1 " Onion, Large Red Globe.
1 oz. Parsley, Extra Curled.
1 lb. Peas, Extra-Early M.T.
1 " Peas, Wrinkled, Our Selec.
1 oz. Radish, Scarlet Turnip.
1 pa. Spinach, Viroflay.
1 " Tomato, Stone.
1 oz. Turnip, Red Top.

# MUZZY BROTHERS'

## ANNUAL

# Seed Catalogue

FOR 1926

### Prices Subject to Change.

It is our endeavor to maintain the prices quoted in this Catalogue throughout the season, but owing to the present very unsettled conditions they are subject to change without notice.

Muzzy Brothers give no warranty, expressed or implied, as to the description, quality, productivity or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned, not tested seed so marked to comply with Chapter 228, Laws of N. J., 1916.

### ARTICHOKE

	Pkt.	Oz.
French Globe .....	\$0.10	\$1.25
Jerusalem Artichoke, Tubers .....	25 cents	each

### ASPARAGUS

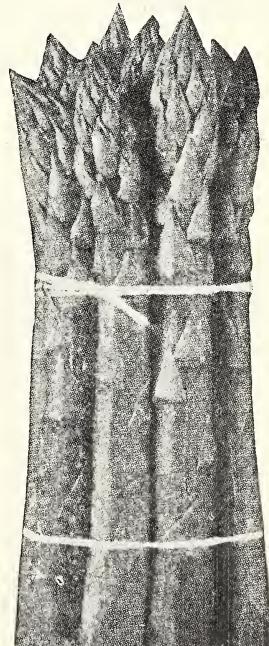
German, Spargel; French, Asperge; Spanish, Esparrago.

	Pkt. 5 cents		
	Per oz.	1/4 lb.	Per lb.
Conover's Colossal .....	.15	.40	1.00
Palmetto, a light green variety.....	.15	.40	1.00
ROOTS	Per	Per	Per
Roots Colossal, 2 years .....	50	100	1000
" Palmetto, 2 years .....	1.00	1.50	12.00
" Giant Washington, 2 years	1.00	1.50	12.00
See novelties .....	2.25	4.00	30.00

Sow the seeds early in spring, in drills 15 inches apart, and about a dozen to the foot in the drill; keep the soil mellow and free from weeds during the summer, and in the succeeding spring transplant to permanent beds which should be done in the following manner as described by a cultivator of Oyster Bay Asparagus.

Plant on sandy soil. To grow Asparagus in perfection, the soil need not necessarily be richer than it must be to produce a good crop of corn. Some experiments have shown that by heavily manuring the crop cannot be made permanently greater than by moderate dressings. It is not desirable to plant them out very early; more plants will fail to grow than when the planting is deferred until the soil is dry and warm.

In planting for private use; set out in rows two feet apart, and allow twelve inches in the row. Set the plants at least six inches below the surface. For market on a large scale set four feet apart one way and two the other, which will allow the use of a horse and cultivator to keep the weeds under.



## BEANS

10 cents Pkt.

German, Gartenbohne; French, Feve de Marais; Spanish, Hava.  
English or Broad.

	1 lb.	2 lb.
Broad Windsor	\$0.50	\$0.95
Sword Lond Pod	.60	1.10

This class is very hardy and should be planted as soon as the soil is in good state in the spring. Plant four inches apart, and two inches deep in drills four feet apart. To insure well filled pods, pinch off the tops as the lower pods begin to set.

**Bountiful, Extra Early.** Very prolific and long bearing. Flat green pods, tender and stringless, 1 lb., 40c; 2 lb., 70c; 10 lb., 3.00.

**Valentine Black**, long round, green, solid pod, very early. 1 lb. 35c, 2 lb. 65c, 10 lb. \$2.50.

**Valentine, Giant Stringless**, about seven days later than extra Early Valentine. Slightly curved pod, brittle and stringless; a strong grower and good yielder. 1 lb. 35c; 2 lb. 65c; 10 lb. \$2.50.

**Valentine, Early.** Productive, tender and of excellent flavor. 1 lb., 35c; 2 lb., 60; 10 lb., 2.50.

**Horticultural Dwarf, Late.** Productive, broad, flat stringless pods. 1 lb. 35c; 2 lb. 65c; 10 lb. \$2.50.

**Muzzy's Stringless Green Pod**, the best stringless bean grown. Ten days to two weeks earlier than the valentine; pods full and fleshy, extremely crisp and absolutely stringless. Very productive. 1 lb. 35c; 2 lb. 65c; 10 lb. \$2.25.

**Long Yellow Six-Weeks**, early, excellent variety for general crop. 1 lb. 30c; 2 lb. 60c; 10 lb. \$2.25.

**Refugee or Thousand to One.** (Late variety.) The pods are round and full, stringless and of fine quality. 1 lb. 35c; 2 lb. 65c; 10 lb. \$2.25.

## DWARF LIMA AND DWARF WHITE BEANS

**Burpee's Improved Bush Lima.** Beans are large as Large Lima, stout growth, branches vigorously, bearing 50 to 200 large pods well filled with very large beans. 1 lb. 45c; 2 lb. 85c; 10 lb. 3.75.

**Fordhook Bush Beans.** 1 lb., 55c! 2 lb., 1.00; 10 lb., 3.75.

**White Marrowfat**, grown for sale in the dry state. 1 lb. 25c; 2 lb. 50c; 10 lb. \$2.00.

**Long White Kidney**, excellent as a shell bean, green or ripe. 1 lb. 25c; 2 lb. 50c; 10 lb. \$2.00.

## DWARF WAX VARIETIES

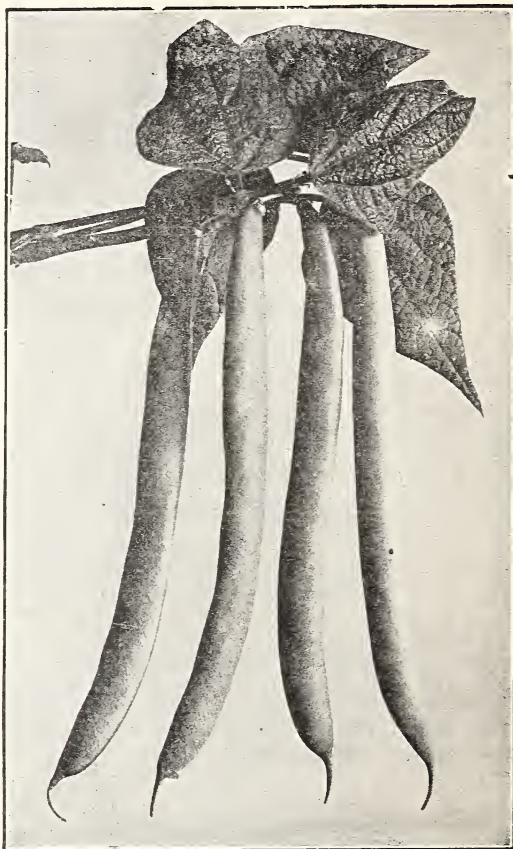
**Sure Crop Stringless Wax.** 1 lb., 40c; 2 lb., 75c; 10 lb., 3.00.

**Refugee Wax, Stringless**, good for early or late. Immense yielder. 1 lb. 35c; 2 lb. 65c; 5 lb. \$1.75.

**Golden Eyed Wax**, very early, prolific, free from rust. 1 lb. 35c; 2 lb. 65c; 10 lb. \$2.50.

**Round Pod Kidney Wax**, same as Wardell's, only round pods. 1 lb. 35c; 2 lb. 65c; 10 lb. \$2.50.

**Wardell's Kidney Wax**, extra early, long flat pods, very productive. 1 lb. 35c; 2 lb. 65c; 10 lb. \$2.50.



## BEANS—Dwarf Wax Varieties, Continued

	1 lb.	2 lb.	10 lb.
<b>Curries Rust Proof</b> , very early and prolific. The pods are long, full, stringless; of very fine quality .....	.35	.65	\$2.50
<b>Davis' White Wax</b> , beans pure white; pods yellow, flat, tender, rich .....	.40	.70	\$2.50
<b>Golden Wax</b> . This valuable variety is about ten days earlier than the black wax pods, large, long semi-round, brittle, stringless .....	.40	.70	\$2.50
<b>Blossoming time</b> sends up a tendril a foot longer than vein which drops off.			
<b>Hodson Wax</b> , very large, tender, pods stringless, very productive .....	.40	.70	\$2.50

## BEANS, Pole or Running Varieties

<b>Challenger Lima</b> . Potato variety, five and six in a pod .....	.40	.75	\$3.25
<b>King of Garden Lima</b> . Vigorous in growth and immensely productive, pods large, numerous and well filled and beans of an enormous size. Generally grown for main crop .....	.40	.75	\$3.25
<b>New Early Jersey</b> . Very early .....	.40	.70	\$2.65
<b>Large White Lima</b> . A greatly esteemed variety .....	.40	.75	\$3.25
<b>Kentucky Wonder, or Homestead Extra Early</b> . Pods long, tender and good flavor, very productive .....	.40	.75	\$3.25
<b>Dutch Case Knife</b> . A very productive variety, one of the earliest ...	.40	.70	\$2.50
<b>Horticultural or Speckled Cranberry</b> . A popular variety for private use, equally serviceable in the green state or when shelled .....	.40	.70	\$2.50
<b>Scarlet Runner</b> . Beautiful scarlet flowers; for ornamental and table use .....	.40	.80	\$3.50
<b>Early Golden Cluster</b> . Bright yellow pods, stringless, in clusters...	.40	.70	\$2.50
<b>Yard Long, French</b> . Pods sometimes grow from 2 to 3 ft. long, are very slender like a pipe stem; should be grown on pea bush .....	.85		

Sow Bush sorts in drills about two feet apart, and drop the beans about three inches apart in the drill, cover two inches or less for a succession, sow at intervals of two weeks. Lima beans should not be planted until settled weather; make rich hills, four feet apart each way set a pole eight or ten feet high in each; press the beans into the soil eye down, six or eight to each pole, and when they are well up, thin out to four.

A quart of Limas is sufficient for 75 to 80 hills, and a quart of Bush Beans will sow a row 100 feet long.

## BEETS

Pkt. 5 cents

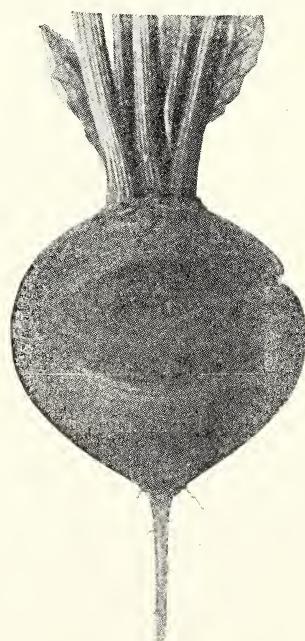
German, Runkelrub; French, Bourrache;  
Spanish, Remolacha.

**Detroit Dark Red**. A splendid beet for market or home use, of a deep color, tender and of delicate flavor.

Oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25

**Dark Red Egyptian Crosby's**. The earliest beet in cultivation, color deep crimson; of excellent quality.

Oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25



DETROIT DARK RED BEET

## BEETS—Continued

		Per oz.	$\frac{1}{4}$ lb.	Per lb.
Extra Early Eclipse.	Very early, good size.....	.15	.35	\$1.00
Early Flat Bassano.	Chiefly valuable for its earliness .....	.15	.40	\$1.25
Early Blood Turnip.	Standard early sort, an excellent .....	.15	.35	\$1.00
Edmands.	Market garden variety, uniform shape, dark .....	.15	.40	\$1.25
Dewing's Blood Turnip.	Of fine form and flavor .....	.15	.35	\$1.00
Long Smooth Blood Red.	An excellent late variety .....	.15	.40	\$1.25
Swiss Chard.	Used for its leaves, which are cooked as Spinach .....	{ See page 28 }	{ See page 28 }	.15 .35 \$1.25
Swiss Chard Lucullus .....	.....			

## MANGEL-WURZEL AND SUGAR

Varieties used for feeding stock. Sow 6 lbs. per acre.

## Special Price in Quantities

		1 oz.	$\frac{1}{4}$ lb.	1 lb.
Mammoth Red Mangel-Wurzel.	Producing roots of mammoth size, very regular, and with a small top.....	.10	.25	.75
Yellow Ovid Mangel-Wurzel.	Very productive.....	.10	.20	.70
Long Yellow Mangel-Wurzel.	Good for general crop .....	.10	.20	.65
Golden Tankard Mangel-Wurzel.	A new and very valuable variety of fine form and sweet flavor, bright yellow in color, when cut it shows interior ring, similar to most varieties of garden beet.....	.10	.25	.75
White Silesian Sugar Beet.	Extensively grown for feeding stock and manufacture of sugar .....	.10	.25	.75
Wilmorin's Improved Sugar Beet.	An improved variety .....	.10	.20	.70
Lane's Improved Sugar Beet.	Improved variety of the French Sugar Beet, obtained by careful selection in this country .....	.10	.25	.75

A rich, deep open soil is the best suited to the culture of Beets. Fresh manure is undesirable, but land that has been well manured the previous year is highly suitable. For an early supply sow in the spring as soon as the ground becomes fit to work, in drills about one foot apart and two inches deep. For main crop sow the first week in May, and for winter use sow in June. When the plants have obtained three or four leaves, thin out, so that they may stand eight or nine inches apart. Keep free from weeds by hand weeding and hoeing. Those intended for winter use may be taken up in October, and stored in dry sand in the cellar or outhouse. Before storing, leaves and fibers must be cut off, but care must be taken not to bruise the main root.

## BORAGE

10 cents Pkt.

German, Borritch; French, Bourrache; Spanish, Berraja.

	Per oz.	$\frac{1}{4}$ lb.	lb.
Borage, used as a pot herb; also as a salad, or can be boiled, and also for garnishing, but chiefly required for claret cups and other cooling drinks. Bees are very partial to the flower .....	.30	.80	\$3.00

## BROCCOLI

10 cents. Pkt.

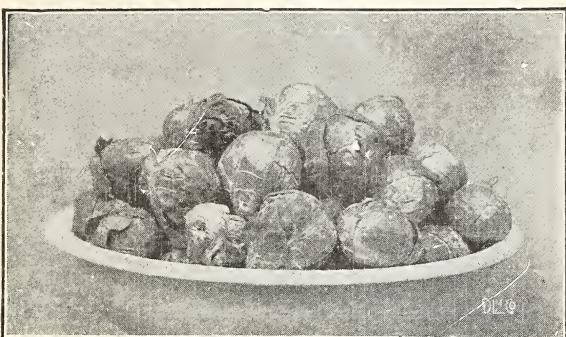
German, Spragel Kohl; French, Chou Brocoli; Spanish, Broculi.

	Per oz.	$\frac{1}{4}$ lb.
Early White, heads medium size, compact, creamy white color, most certain to head .....	\$0.50	\$1.50
Purple Cape, differing from the preceding color, greenish purple .....	\$0.50	\$1.50
White Cape .....	\$0.50	\$1.50
Mammoth White .....	\$0.50	\$1.50

A favorite European vegetable, nearly allied to the Cauliflower, but more hardy and surer to head; the seeds should be sown in this district in the early part of May and transplanted in June; farther south the sowing should be delayed until June or July; and the transplanting accordingly from August to October. In parts of the country where the thermometer does not fall below 20 or 30 degrees, Broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

## BRUSSELS SPROUTS

10 cents Pkt.



German, Sprossen-Kohl; French, Chou de Bruxelles; Spanish, Breza de Brussels.

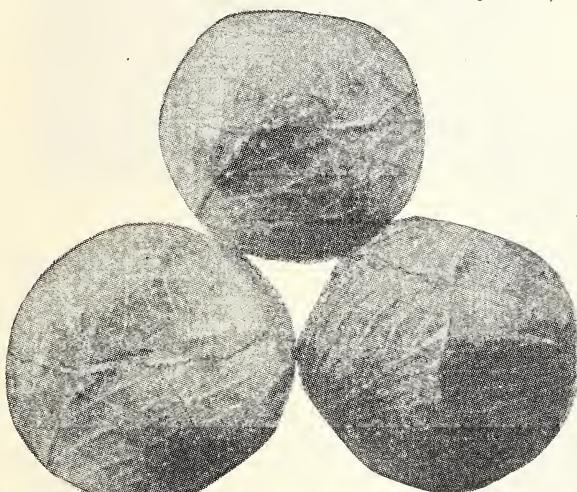
Dalkeith Dwarf Improved, a variety producing compact sprouts of excellent quality. Pkt. 10c; Oz., 50c;  $\frac{1}{4}$  lb., 1.50.

A tender, delicious vegetable. The plant grows two or three feet high, and produces from the sides of the stalks numerous little sprouts, one or two inches in diameter, resembling cabbage. The leaves which look like a Savoy should be broken down in the fall, to give the little cabbages room to grow. They are very tender and sweet after early frosts. Sow early in hot-beds, or in seed-beds in May transplant and cultivate the cabbage.

## CABBAGE

10 cents Package, except quoted otherwise.

German, Kopfkohl; French, Chou; Spanish, Berza de Pepollo.



COPENHAGEN MARKET

	1 oz.	$\frac{1}{4}$ lb.	1 lb.
Copenhagen Market. The finest, large, round-headed, early Cabbage; very solid and of fine quality; short-stemmed.	.50	1.50	5.00
Enkhuizen Glory. Large, early, white, solid, ball shaped heads .....	.35	1.00	3.50
All Seasons, fine variety, for second early or late growing, good size .....	.25	.85	3.00
Early Jersey Wakefield. The leading variety for market, very early, of medium size, good quality, sure to head ..	.25	.85	3.00
Charleston Wakefield. Large strain of the above .....	.25	.85	3.00
Autumn King. We believe this to be			
one of the finest strains of Cabbage ever offered. It produces regular, even heads of enormous size .....	.35	1.00	3.50
Early Flat Dutch. This is one of the best early cabbages in cultivation .....	.25	.75	2.50
Early Summer. A valuable early sort resembling the Early Flat Dutch .....	.25	.75	2.50
Early Winnigstadt. Heads large, one of the best for general use .....	.25	.75	2.50
Henderson's Succession. A second early or late variety, a sure header; seeds sown in March produce large heads in June .....	.25	.85	3.00
Muzzy Extra Amagar Danish Ball-Head. Large, round, solid, sweet and crisp, sure header .....	.25	.85	3.00
Large Late Drumhead. An excellent fall and winter variety, grows to a large size .....	.25	.85	3.00
Larfie Late Flat Dutch. The most popular variety for late cultivation .....	.25	.85	3.00
Danish Red Stone Head. Used almost exclusively for pickling .....	.30	1.00	3.50
Drumhead Savoy (American). The largest heading sort, of excellent flavor ..	.30	1.00	3.50
Chinese (Pe Tsai) .....	.25	.85	3.00

For very early use plant in the autumn from 10th to 25th September, in a seed bed, and protect in cold frames during the winter, being careful to set them down to the first leaf. Transplant in the following spring, as the soil will admit. For autumn and winter use, plant in seed-bed in May and early part of June, and when six inches high transplant into rich soil, two feet apart each way for the early varieties, and three by two and a half feet for the large winter varieties. To secure the best results, the soil should not be too dry, but should be thoroughly enriched, and the crop should be hoed at least once in ten days. Sow in hot bed early in spring, seed of the early kind for a second crop; also the late varieties for winter use.

## CARROT

All 5 cents Package

Except Quoted Otherwise.

German, Mochern; French, Carotte.

The Carrot, like other root crops, delights in a sandy loam, deeply tilled. It should never be sown on newly manured ground as forked roots are sure to be the result. It is best to sow on ground that has been well manured the previous year for some other crop such as Celery, Potatoes, Onions or Peas, but avoid such crop as Cabbage and Turnips, or any of the tap rooted sections. For early or main crops sow the latter part of April; for later crops, they may be sown any time until the beginning of June. Sow in rows about 15 inches apart and half an inch deep, thinning out to three or four inches between the plants.

**Early French Forcing.** The earliest variety, valuable for forcing; root small and of fine flavor, oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.

**Early Scarlet Horn.** Old and favorite sort, much esteemed for early summer, oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.

**Half Long Danvers.** A variety intermediate in size and period of maturity between the preceding and the Dond Orange, oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.

**Half Long Stump Rooted Chantenay.** Like Nantes, broader shoulder, oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.

**Half Long Rubicon.** Finest Carrot in existence. Oz. 20c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$2.00.

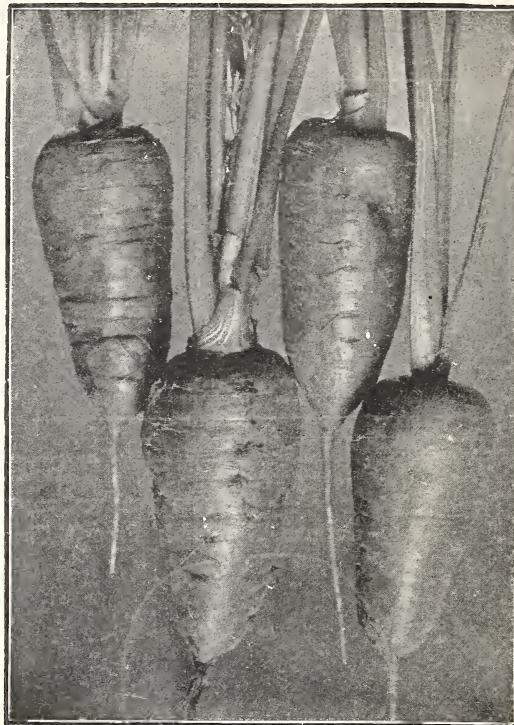
**Half Long Stump Guarande or Oxheart**.....

**Half Long Stump Nantes**.....

**Long Orange Improved.** Roots of large size, equally adapted for garden

or farm culture .....

**Large White Belgian.** Grown almost exclusively for stock .....



### DANVERS CARROT

	Per oz.	$\frac{1}{4}$ lb.	lb.
	.15	.35	1.25
	.15	.35	1.25
	.15	.30	1.00
	.10	.25	.75

## CAULIFLOWER

German, Blumen-Kohl; French, Chou-fleur; Spanish, Coliflor.

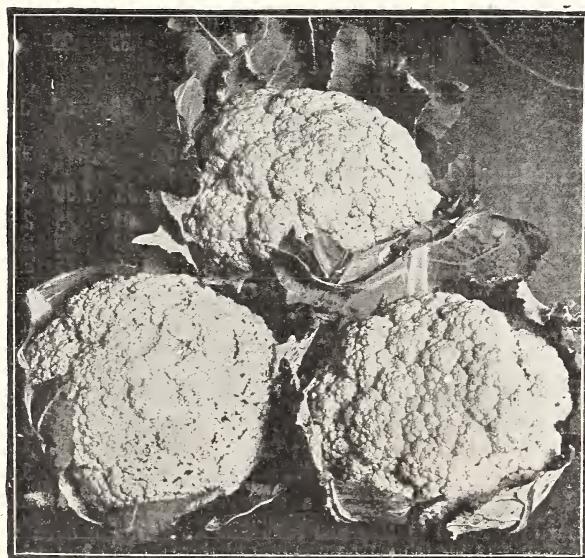
**Extra Early Paris.** This is one of the earliest and best varieties, heads large, white and compact, of fine quality. Pkg. 10c; oz., 80c;  $\frac{1}{4}$ -lb., \$2.50.

**Large Early Snowball.** Best for forcing under glass or open ground. Pkg. 25c;  $\frac{1}{4}$ -oz., 75c;  $\frac{1}{2}$ -oz., \$1.35; 1-oz., \$2.50;  $\frac{1}{4}$  lb., \$8.50.

**Early Dwarf Erfurt.** Best for forcing. Pkt., 25c;  $\frac{1}{4}$ -oz., 70c;  $\frac{1}{2}$ -oz., \$1.25; 1 oz., \$2.25.

**Early London.** Pkt., 15c; 1-oz., \$1.00;  $\frac{1}{4}$  lb., \$3.00.

**Denmark, Special Large Late.** Very fine variety, large white, compact heads, the space necessary between plants is greater than other varieties. Pkt. 25c;  $\frac{1}{4}$  oz. 1.25;  $\frac{1}{2}$  oz. 2.00; 1 oz. 3.50.



EARLY SNOW BALL CAULIFLOWER

## CAULIFLOWER—Continued

Cauliflower delights in rich, moist soil and in dry seasons should be abundantly watered. The seeds may be sown in September and wintered over in the same manner as described for early cabbage. Where this is not practicable, it may be had nearly as well by sowing the seed in the hot-bed in January or February and transplanting the plants at two or three inches apart in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground, which in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off, they are seldom injured by being planted out too early.

## CELERY

10 cents Package, except quoted otherwise.

German, Celeri; French, Celeri; Spanish, Apith.

		Oz.	1/4 lb.	lb.
Golden Self-Blanching. American Strain. Very choice. Standard early variety	Pkt. 10 cents	.40	1.15	4.00
Giant Pascal. Stalks very large, thick and crisp.	30	.80	3.00	
Golden Self-Blanching. Paris Strain. Similar to White Plume; much larger in growth. Solid, best variety in market.	Pkt. 15 cents	.55	1.75	6.50
White Plume. Requires very little banking.	30	.80	3.00	
Dwarf White, Soup Celery. An imported variety of fine flavor; soup greens		.20	.60	2.00
Boston Market. An excellent dwarf, growing white variety		.20	.65	2.25
Rose Ribbed Self Blanching—Rose variety. Nutty flavor.		.50	1.50	5.00
Celery Seed for Flavoring		.10	.20	.65

## CELERIAC

10 cents Pkt.

## TURNIP ROOTED CELERY

German, Knob-Celeri;  
French, Celeri Rave.

Giant Prague. For soups, etc. When sliced and cooked makes good winter salad. Oz., 25c; 1/4 lb., 75c; 1b., 2.50.

The seeds may be sown in the open ground in April, as soon as the ground can be nicely worked. Sow about half an inch deep, and be careful to firmly press the soil over the seed; this should be done by treading over the rows with the feet after sowing; this prevents the air drying up the seed, which thereby loses its vitality and fails to germinate. Many valuable crops are annually lost by inattention to this important particular. After the seed is up, keep carefully clear of weeds until the time of planting June and July; the crops may be shorn off once or twice before planting; this makes them "stocky" and they suffer less in being transplanted. After the ground has been well prepared, plant in rows from three to four feet apart, according to the variety, setting the plants about six inches apart and pressing the soil firmly about the roots.

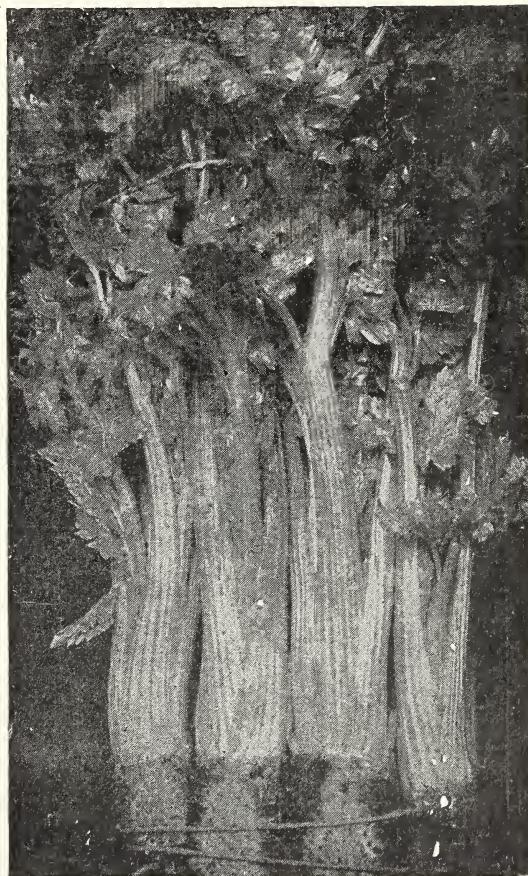
## CHERVIL

Package 10 Cents

German, Bisen'auch; French, Cerfeuil;  
Spanish, Cerafolio.

Curled ..... Per. oz., .25

The young leaves are used in soups and salads. Sow thinly in May, in drills of an inch deep, one foot apart.



CELERY

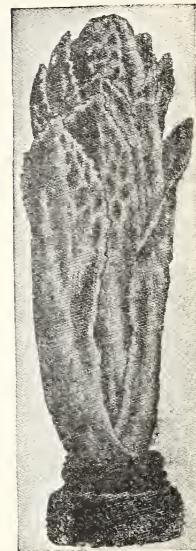
## CHICORY

Pkt. 10 Cents.

German, Chicorie; French, Chicoree Saur; Spanish, Escarola.

Per oz.  $\frac{1}{4}$  lb.

Common. This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June the roots are transplanted in autumn into sand in a cellar; the shoots of which will come up soon from the "Barbe de Capucin" .....	.35	1.25
Large Rooted. Used to mix with or a substitute for coffee. Cultivation same as the carrot.....	.20	.50
Witloof or French Endive. See endive.....	.35	1.00



## CRESS

Pkt. 5 Cents. Except Quoted Otherwise.

German, Kress; French, Cresson; Spanish, Masturoz.

Per oz.  $\frac{1}{4}$  lb.

Curled Cress or Peppergrass .....	.15	.40
Water Cress .....	Pkt. 10c	.45 1.50

Are excellent for small salads; the leaves, while young have a warm, pungent taste. They can be used alone or mixed with Lettuce, Mustard, or other salad plants. Sow thickly at frequent intervals for succession, and treat in the same manner as mustard.

## CORN SALAD OR FETTICUS

Pkt. 5 Cents.

German, Ackersalat; French, Mache; Spanish, Macha Valeneanilla.

WHITLOOF  
CHICORY



Per oz.  $\frac{1}{4}$ -lb. lb.

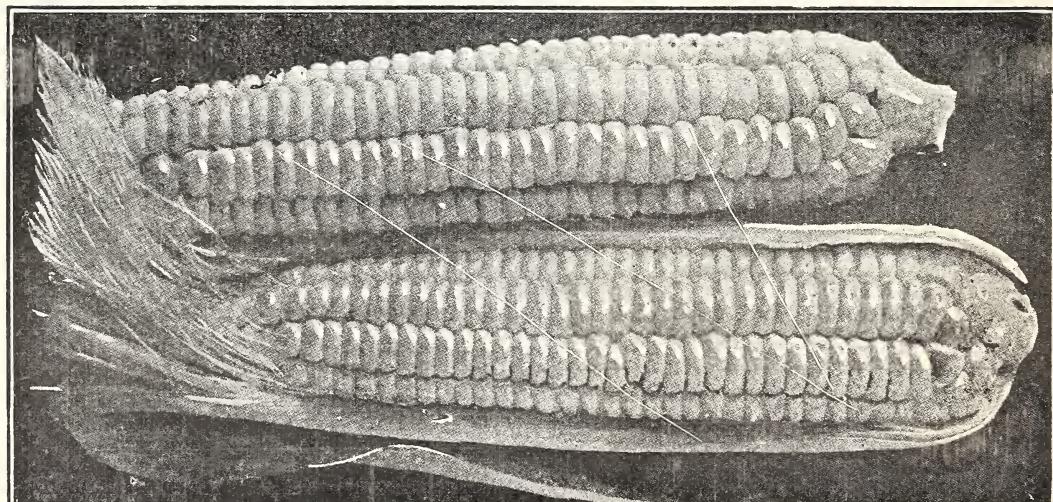
Large Seeded .....	.15	.45	1.50
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Corn Salad, Fetticus or Lambs Lettuce is used to a considerable extent as a salad. It is sown on the first opening of spring in rows one foot apart and is fit for use in six to eight weeks from the time of sowing. If wanted to come out early in spring, it is sown in September, cover up with straw or hay as soon as Cold weather sets in and is wintered over the same way as Spinach.

## CORN--Sweet

Pkt. 10 Cents.

German, Zuker, Welshkorn; French, Mais de sucre; Spanish, Maiz de Azucar.



## CORN—Continued

## EXTRA EARLY VARIETIES

We Have a Choice Collection of Ears in Stock, Each Ear Wrapped, from 10c Up  
Special Price in Quantity Lots

	Ear	1-lb.	5-lb.	10-lb.
<b>Golden Rod Early Yellow.</b> Very sweet. See Novelties .....		.45	2.00	3.50
<b>Metropolitan.</b> See Novelties. Early large cob; very sweet ..		.45	2.00	3.50
<b>Early Dawn Extra Early.</b> Earliest of all the Extra Early sweet corn .....		.40	1.75	2.75
<b>Golden Bantam Extra Early.</b> Yellow, very sweet and tender		.40	1.75	2.75
<b>Early White Cory.</b> Earliest grown, fit for use 60 days after planting. Very sweet, good size, white cobs. ....		.35	1.50	2.50
<b>Perry's Hybrid.</b> Very early and of large size; extra early..		.35	1.50	2.50

## SECOND EARLY OR INTERMEDIATE

<b>Early Champion.</b> Large ears, very sweet and productive. The earliest large sort grown and fine for either home or market use .....		.35	1.45	2.50
<b>Howling Mob.</b> Only 5 days later than Cory. The grains are much whiter and sweeter; ears large sized and uniform		.40	1.75	2.75
<b>Long Island Beauty Early.</b> Excellent, medium early, large size, sweet .....		.35	1.45	2.50
<b>Early Mammoth.</b> Large second early.....		.35	1.45	2.50

## GENERAL CROP AND LATE

<b>Stowell's Evergreen.</b> A late variety, of excellent quality, remaining longer in the green state than any other; general crop .....		.40	1.75	2.75
<b>Hickox Improved.</b> A new variety of superior excellence is 12 rowed, straight and handsome; a superior market kind; general crop .....		.40	1.75	2.75
<b>Mammoth Sugar.</b> A late variety of large size, very sweet and immensely productive. A leading variety.....		.40	1.75	2.75
<b>Country Gentleman.</b> The sweetest and most tender of all sweet corn, late crop .....		.40	1.75	2.75
<b>Black Mexican.</b> One of the sweetest varieties.....		.40	1.75	2.75
<b>Sweet Fodder.</b> For ensilage .....				Price on Application

## FIELD CORN

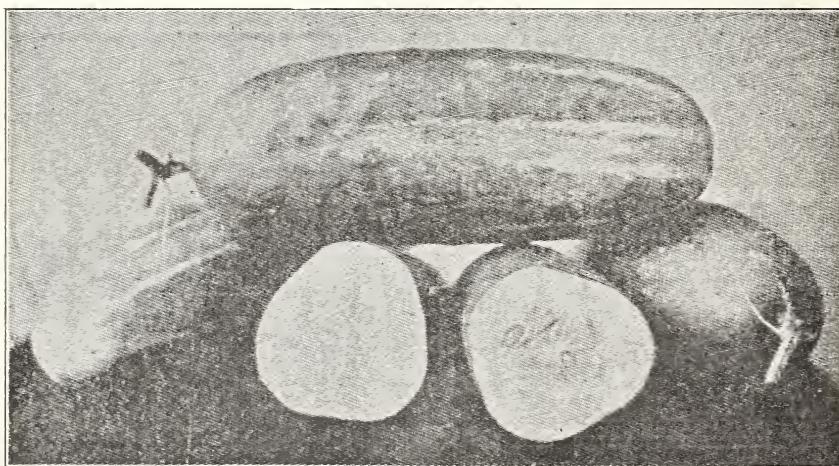
8 Cents Ear, 48 Pounds Bushel Ears

	lb.	14-lb.	56-lb.	Price
<b>Chester County Mammoth.</b> Large, late, yellow.				on
<b>Mastodon Dent.</b> Very early, strong growing...				Application
<b>Pride of the North.</b> (Dent) very early.....				Fodder and
<b>Leamings Yellow.</b> (Dent) early .....				Ensilage Varieties.
<b>Champion White Pearl</b> .....				
<b>Early Canada.</b> Yellow kernels .....				
<b>Large Yellow Flint</b> .....				
<b>Large White Flint</b> .....				
<b>Southern Horse Tooth.</b> For fodder.....				
<b>Eureka White Dent,</b> for ensilage, 12 to 14 rows, one of the best ensilage varieties, the fodder growing up to 17 feet, in some places matures in 120 to 130 days. See Novelties.....				

## CUCUMBERS

Pkt. 5 Cents.

	Oz.	1/4-lb.	1-lb.
Early Fortune. Very early and productive. Uniform size. Good shipper	.15	.40	1.25
Forhook Pickling. Prolific, medium size, skin thick .....	.15	.40	1.25
Davis Perfect. For forcing or outdoors, long and straight, valuable for slicing .....	.15	.45	1.40
Cool and Crisp. Very prolific; good for pickling and productive .....	.15	.40	1.25
Japanese Climbing. Can be trained on trellis, or grown on the ground. Skin smooth, dark green; flesh pure white, crisp and mild flavor .....	.15	.45	1.40
Nichols Medium Green. A valuable and handsome variety, in shape between White Spine and Long Green, an excellent sort for pickles and useful for forcing. Very prolific, fruit straight and smooth, color dark green; fresh, tender and crisp .....	.15	.40	1.25
Improved Early White Spine. The best table variety; grows uniformly straight and smooth; dark green; and tender and excellent flavor.....	.15	.40	1.25
Peerless White Spine. A new variety of the preceding; average length 10 inches; full at both ends; deep green, holding color until mature.....	.15	.40	1.25
Arlington White Spine. Fine either for forcing or for outdoors .....	.15	.40	1.25
Early Green Cluster. A short, prickly, slender variety, bearing in clusters near the root. It is a great bearer.....	.15	.40	1.25
Early Short Green. The standard for pickling, medium size, straight and handsome. It makes a beautiful pickle that keeps well .....	.15	.45	1.40
Long Green. A very excellent variety; a good bearer; about a foot in length, rather pointed at both ends; dark green, firm and crisp .....	.15	.40	1.25
Green Prolific Pickling. Very prolific; and said by those who have tested it equally desirable as a market Cucumber.....	.15	.40	1.25
West Indian Gherkin or Burr. A very small oval shaped prickly variety. It is grown exclusively for pickling, and should always be picked when young and tender .....	.20	.60	2.00



Cucumbers succeed best in warm, moist, rich loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each a shovelful of well rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill. English Frame Cucumber—Per pkt., 25c. Improved Sion and True, Swan Neck, Blue Gown.

These varieties are for growing in hot-beds, or in hot-houses, particularly constructed for forcing, so that a supply can be furnished during the winter months, at which time the prices are very remunerative. Sow seeds in November, December and January, according to the time they are wanted for market.

## DANDELION

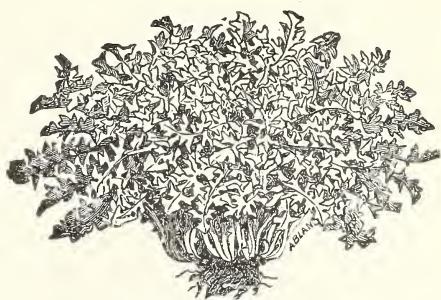
15 Cents Pkt.

German, Pardelblume; French, Pissenlit; Spanish Armagon.

Per oz.  $\frac{1}{4}$  lb. lb.

Best French ..... .45 \$1.50 \$5.00

The Dandelion is much used for spring salads and resembles Endive. Sow the seed in May or June in drills half an inch deep and 12 inches apart. The plants will be ready for use the following spring.



DANDELION.

## ENDIVE OR CHICKORY

All 5 Cents Pkt.

German, Endevien; French, Chicoree; Spanish, Endivia.

**Green Curled Winter.** Very hardy; leaves dark green, tender and crisp..

Per oz.  $\frac{1}{4}$  lb. lb.

.20 .60 2.00

**Broad Leaved Batavia.** (Escarolle), chiefly used in soups and stews; re-

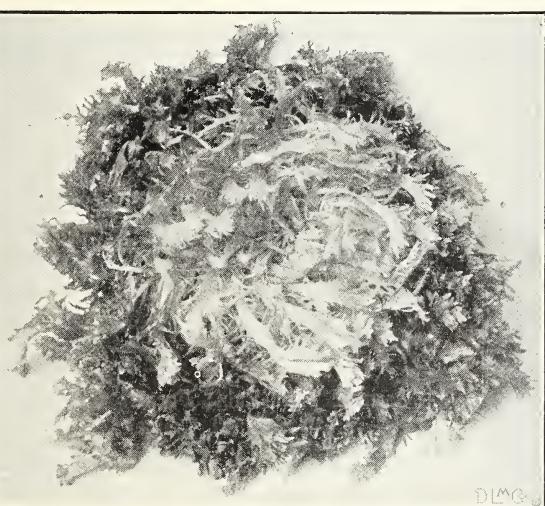
.20 .60 2.00

quires to be tied up for blanching.....

.20 .60 2.00

**Early White Curled.** (Self-blanching), the best variety; grows to large

.20 .60 2.00



ENDIVE.

## EGG PLANT

All 10 Cents Pkt.

German, Eier Pflanzo; French, Aubergine; Spanish, Bereinfiena.

1 oz.  $\frac{1}{4}$  lb.

**New York Improved.** Superior market variety of large size and fine variety.....

.50 1.50

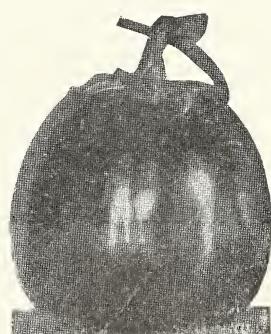
**Black Beauty Tendage.** Earlier than New York. Improved and as large; purplish black.....

.50 1.50

**Black Pekin.** A fine variety, bearing large round, deep, purple fruits, fine, grand and of superior quality .....

.45 1.35

The Egg Plant is a tender vegetable, and must not be planted out until the weather is warm and settled. Sow early in spring in hot-beds, or if they are not convenient, sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or in boxes in the house. Plant out early in June from two to three feet apart.



NEW YORK EGG PLANT.

## KALE

Pkt. 5 Cents, except where noted.

German, Blatter-Kohl; French, Chou Vert; Spanish, Breton.

Oz.  $\frac{1}{4}$  lb. lb.

Siberian German Green or "Sproute." This variety is extensively used for early greens for which it is sown in the fall in rows one foot apart and treated in the same manner as Spinach; it is ready for use in early spring. Sowing can also be made in spring.....15 .35 1.10

Dwarf Green Curled Scotch.

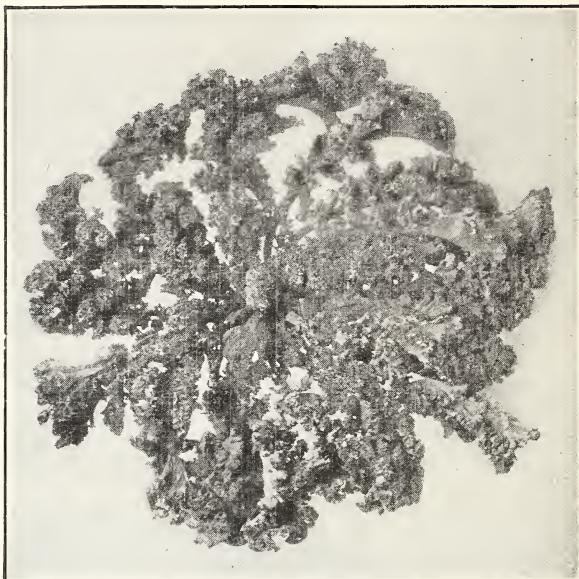
Beautifully fringed dwarf growing kind, with bright green leaves, 10c pkt... .20 .50 1.50

Tall Green Curled Scotch.

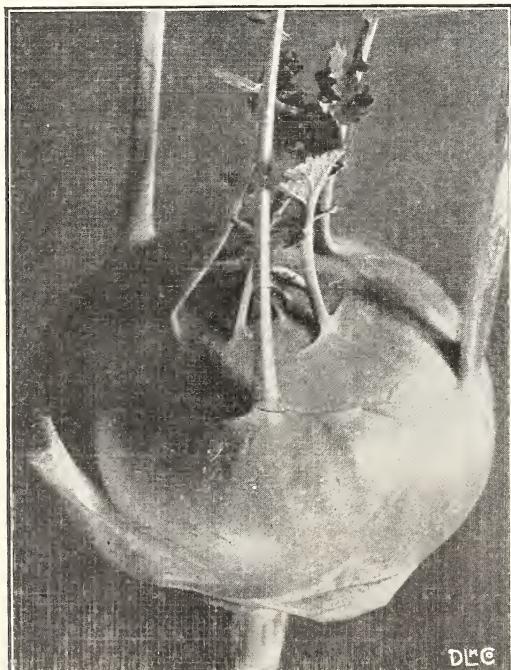
Tall growing, very hardy variety, leaves a bright green, beautiful curled. 10c pkt. .... .20 .50 1.50

Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow early in the spring, in prepared beds, covering the seeds thinly and evenly; transplant in June

and treat in the same manner as for cabbage. Of all the cabbage tribe this is the most tender and delicate and would be much more extensively grown than it is, if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.



KALE



DRC

KOHL-RABI

## KOHL-RABI

Pkt. 10 Cents.

German, Kohl-Rabi; French, Chou Rave; Spanish, Colinabo.

Per oz.  $\frac{1}{4}$  lb. lb.

Early White Vienna. Flesh white and tender; best market sort; good for table use ..... .25 .75 2.25

Early Purple Vienna. Differing from the above in color, which is of a bluish purple ..... .25 .75 2.25

Large White or Green. Large ball, not so fine, but more productive... .25 .80 3.00

Khl-Rabi or Turnip stemmed cabbage, is a vegetable that is not so much cultivated as it deserves to be. The stem above the ground swells into a bulb, somewhat resembling a turnip: this again is covered with leaves. The edible part is the bulb, which is dressed and served like turnip, is very delicate and tender when young. It is very hardy, withstands severe drought, and is a good keeper. Cultivate the same as cabbage, but in hoeing be careful not to throw dirt into the heart of the plant, or the bulb cannot form.

## LEEK

Pkt. 5 Cents.

German, Lauch; French, Poireau;

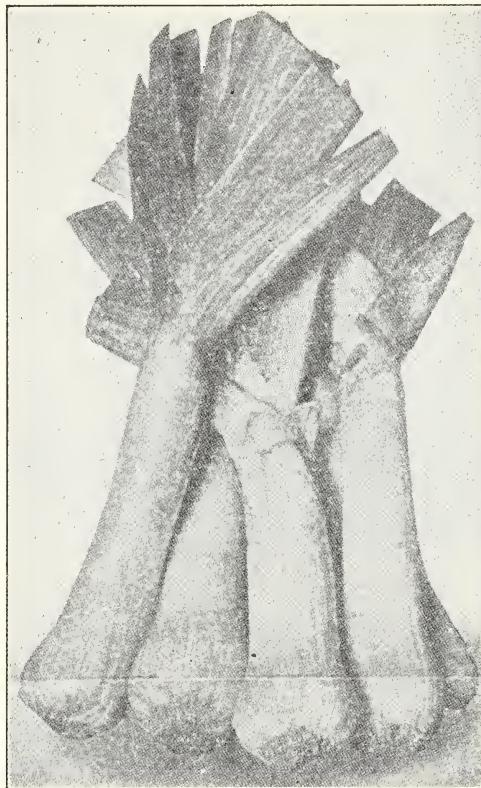
Spanish, Puerro.

**Large American Flag.** oz.  $\frac{1}{4}$  lb. lb.  
The kind mostly grown  
for market ..... .25 .75 2.50

**Large Careten.** A large  
growing French varie-  
ty of excellent quality.. .25 .75 2.50

**Large Rouen.** Very large  
and fine ..... .25 .75 2.50

The Leek is very hardy and easily cultivated; it succeeds best in a light, but well enriched soil. Sow as early in the spring as practical, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible; that the neck, being covered, may be blanched. If fine leeks are desired, the ground can hardly be made too rich.



LEEK.

## LETTUCE

Pkt. 5 Cents.

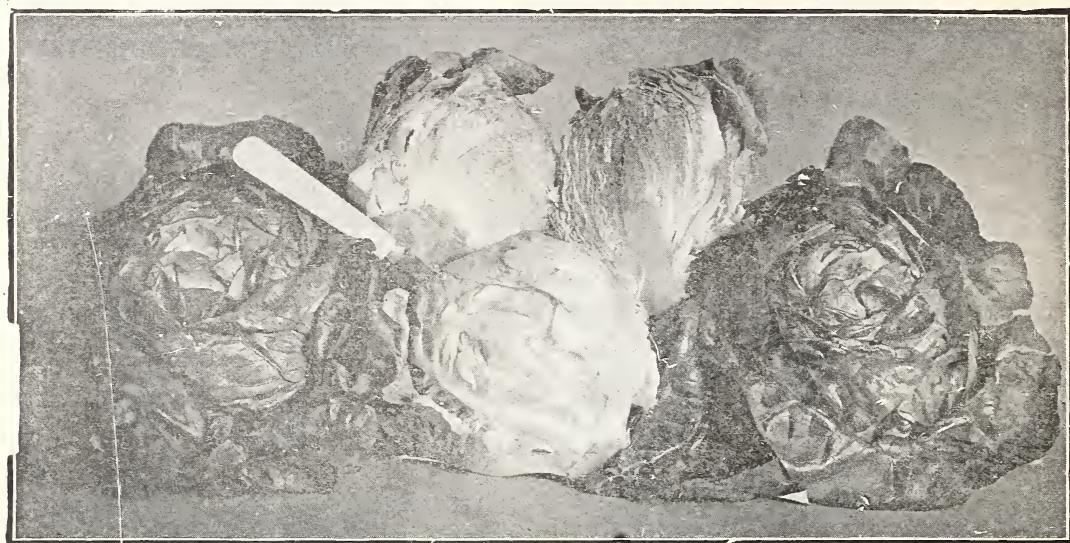
German, Laitick; French, Laitue; Spanish, Lechuga.

For early crop, the seed may be sown in the open ground in September, and transplanted to cold-frames as soon as large enough to handle. In dry, sheltered spots, by covering up with leaves late in the season. Lettuce plants may be saved over Winter without glass covering. The plants for setting out in Spring are also sown in coldframes in February, and in hotbeds in March, and by careful covering up at night make plants to set out in April.

### ROMAINE OR COS VARIETIES

<b>Bath Cos.</b> Pale green tinged with brown. Early. ....	.25	.60	2.00
<b>Trianon Cos.</b> The best of the Cos variety.....	.25	.60	2.00
<b>White Paris Cos (Romaine).</b> Sow early; tie up to blanch .....	.25	.60	2.00

Lettuce is the most popular of all salads. Boiled, is quite equal to Spinach; and it is also sometimes used in soups. It is easy of cultivation, but likes a good rich soil. For early use, sow Simpson and Tennis Ball under glass in February and March and transplant as soon as the ground can be worked. Later sowings may be made in the open ground for successions as long as the weather permits; thin out well or the plants will be weak, and set in rows two feet apart and eight inches between the plants. The best early plants are obtained by sowing in the open ground in September, and transplanting to cold frames the latter part of October, being wintered over in the same manner as early Cabbage. Lettuce requires good ground and abundant moisture.



## MAY KING LETTUCE

### LETTUCE—Continued

German, Laitick; French, Laitue; Spanish, Lechuga.

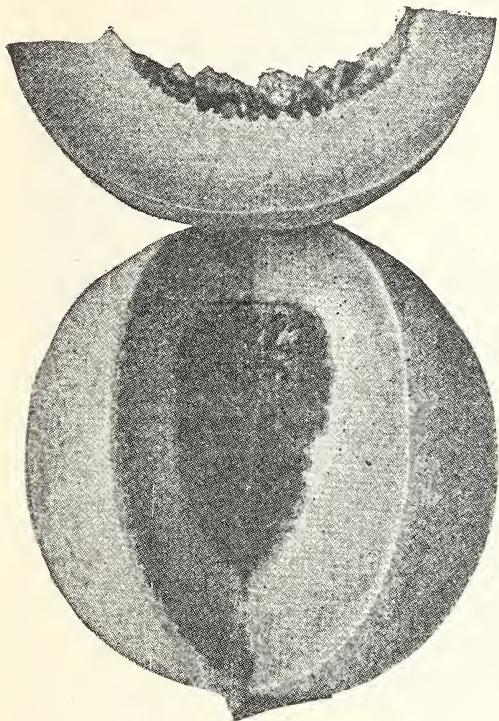
	Per oz.	1/4-lb.	lb.
<b>New York or Wonderful</b> —Round Solid Head, Heat resisting. Grows larger than Iceberg and matures 10 days earlier .....	.30	.90	\$3.00
<b>May King Lettuce.</b> Very early, sure header, solid, good flavor.....	.25	.60	2.00
<b>Private Stock.</b> Large and solid heads, heat resisting .....	.25	.60	2.00
<b>Big Boston.</b> Similar to Boston Market, double this size .....	.25	.60	2.00
<b>Early Curled Simpson.</b> Very early and an excellent sort for forcing; is largely grown by the market gardeners.....	.25	.60	2.00
<b>Deacon.</b> This magnificent Lettuce stands hot weather better than any other Butter variety. Large, firm heads of creamy white and rich flavor....	.25	.70	2.25
<b>Tennis Ball.</b> (Black seeded), well formed heads, hardy and crisp, one of the earliest of heading varieties .....	.25	.60	2.00
<b>Salamander Head.</b> Fine compact head, resists heat .....	.25	.70	2.25
<b>Black-Seeded Butter.</b> Fine market strain .....	.20	.60	2.00
<b>Large White Cabbage.</b> Excellent for summer; heads of good size .....	.25	.60	2.00
<b>Black Seeded Simpson.</b> Stands the summer well .....	.25	.60	2.00
<b>Gray Seeded Butter.</b> One of the best large heads.....	.25	.70	2.25
<b>Shotwell's Brown Head.</b> Large and handsome; heads hardy; standing summer heat without injury .....	.25	.70	2.25
<b>Boston Market.</b> Large solid heads, very fine for forcing, and of fine flavor.	.25	.60	2.00
<b>Iceberg Favorite Summer Lettuce.</b> Heat resisting. Very crisp, strong center ribs which bend toward center of plant, keeping it thoroughly blanched	.25	.70	2.25

## MELON, MUSK

Package 5 Cents

German, Melone; French, Melon; Spanish, Melon Muscatel.

	Per oz.	1/4-lb.	lb.
Hearts of Gold—See Novelties .....			
Tip Top—See Novelties .....			
Honey Dew. Large, round, delicious, rich green flesh .....	\$0.20	\$0.50	\$1.75
Paul Rose. Handsome, oval, orange flesh, sweet .....	.15	.40	1.40
Long Island Beauty. Similar to Hackensack; very early .....	.15	.40	1.40
Miller's Cream or Osage. Flesh and salmon color and very thick .....	.15	.40	1.40
Golden Netted Gem. Early, round, small, fine flavor .....	.10	.35	1.15
Hackensack. Variety of Green Citron, well known among the New York market gardeners, grows to a very large size, productive, exquisite flavor .....	.15	.40	1.40
Long Yellow Cantaloupe. Yellow flesh, suitable for the market .....	.10	.35	1.25
Rocky Ford. Very sweet; spicy flavored, small and oblong, most popular sort .....	.20	.50	1.75



HONEY DEW MELON.

Melons thrive best in a moderately enriched live soil; the hills should be six feet apart each way. Previous to planting incorporate well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant twelve or fifteen seeds in each hill in May, and when well up, thin out three or four of the most promising. Pinch off the leading shoots as the growth becomes too luxuriant, and if the fruit sets too numerous thin out when young, which will increase the size of those remaining, and cause them to ripen quicker.

## MELON, WATER

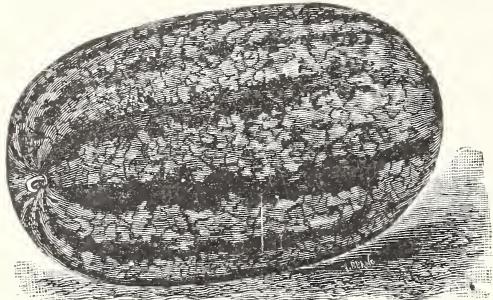
Package 5 Cents

German, Wassermelone; French, Melon d'Eau;  
Spanish, Zaudia.

	Per oz.	1/2 lb.	lb.
Tom Watson. Long and 8 to 10-in. diameter. Thin rind, crisp flesh, fine flavor .....			
Kolk's Gem. Nearly round, dark green .....			
Seminole. A new early variety. Long striped sort .....			
Pride of Georgia. Dark green, oval in shape; crisp and sweet; very large.			
Mountain Sweet. One of the very best for culture; color dark green; and rind thin; flesh scarlet; solid, very sweet and delicious .....			
Black Spanish. Shape round, rather small; skin dark green, flesh red, sweet, rich .....			
Phinney's Early. Flesh deep red, of a very superior quality; a valuable early market variety .....			
Cuban Queen. Solid and heavy .....			
Ice Cream. (White seeded), fruit of medium size, nearly round; skin pale green; rind thin; flesh scarlet, solid crisp, excellent .....	.15	.35	1.00

## MELON, WATER—Continued.

	Per oz. $\frac{1}{4}$ -lb. lb.
Rattlesnake. Very large, striped, red flesh variety.....	
Mammoth Iron Clad. Long and large; thin skin, deep red flesh.....	
The "Boss," Oblong; dark green .....	
Citron. (Red seeded), round handsome fruit of small size and used in the making of sweetmeats and preserves .....	.15 .35 1.00
Citron. (Green Seeded), used for preserves...	



IRON CLAD

The "Boss," Oblong;  
dark green .....

Citron. (Red seeded),  
round handsome fruit  
of small size and  
used in the making of  
sweetmeats and pre-  
serves .....

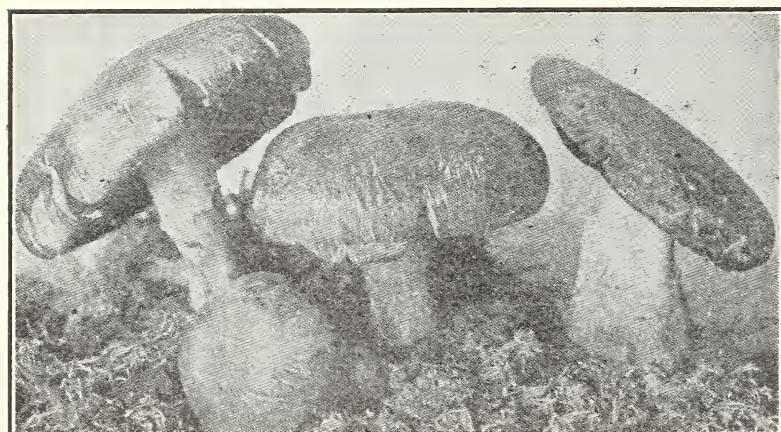
Citron. (Green Seeded),  
used for preserves...

Plant in hills directed for Muskmelons, giving them more room, as their vines extend much farther. If they are wanted of a large size, three or four melons to each plant will be sufficient, and when only one is allowed to grow from each plant they will grow to an immense size.

## MUSHROOMS

German, Chimpignoubrut; French, Champignon; Spanish, Hongo  
Imported English Spawn ..... Per brick, 25c; 10 bricks, \$2.50; 20 bricks, \$4.75  
American Spawn Bricks ..... Per brick, 35c; 10 bricks, \$2.75; 20 bricks, \$5.00

Mushrooms should be grown either in a building especially erected for the purpose or some shed, stable or cellar, where the temperature of from 40 to 60 degrees can be kept up in winter. To every barrow load of fresh horse droppings add about the same weight of loam or soil of any kind that has not been manured. Turn the heap every day, so that it is not allowed to heat violently, until you have quantity enough to form a bed of dimensions required. Be careful that your heap is under cover, so that it cannot possibly get wet. The most convenient size is from three to four feet long and eight inches deep.



MUSHROOMS.

over the heap to the depth of two inches, firm it down moderately and cover with three or four inches of hay or straw. Examine the bed often to see that it does not get dry. When water is given it should be at a temperature of about 100 degrees.

## MUSTARD

5 Cents Pkt.

German, Snef; French, Moutarde; Spanish, Mostaga.

	Per oz. $\frac{1}{4}$ -lb. lb.
White London. Best for salads .....	\$0.10 \$0.25 \$0.75
Black. Used for cooking and salad .....	.10 .30 1.00

Mustard in the green state is a refreshing salad, mixed with Cress, Lettuce, or other salad plants. It is necessary to make frequent sowing of it, as it should be cut and used in a very young state, even before the first rough leaf appears. The seed should be sown thickly in light soil the surface of which should be made very smooth. The seed should be pressed into the soil with the back of a clean spade.

Prepare the mixture of loam and manure, making the bed in layers and pounding down each with the back of a spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way into which put pieces of spawn two or three inches in diameter; fill up the holes with the compact and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Now spread a layer of fresh soil

## NASTURTIUM

Package 5 Cents

German, Nastrutian; French, Capucine; Spanish, Maranuela.

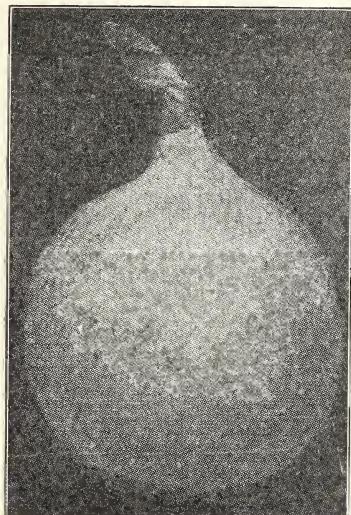
	Per oz	1/4 lb.	lb.
Tall Scarlet .....	\$0.20		
Tall Yellow .....	\$0.20		
Tall Nasturtium, Mixed.....	.15	.40	1.50
Dwarf Nasturtium, Mixed .....	.15	.45	1.50

Cultivate both for use and ornament; the green seed pods preserved in vinegar make an excellent pickle. The young leaves are also useful in salads. Its scarlet and orange-colored flowers which appear freely all summer, add a charm to the garden.

## ONION

Package 10 Cents

German, Zweibel; French, Oignon; Spanish, Cebolia.



Yellow Globe Prize Taker, 90 days.

	Per oz.	1/4 lb.	lb.
Australian Brown, mild flavor, heavy golden early .....	.25	.75	2.00
Early Red Flat. About ten days earlier than the Large Red, and not quite so large.....	.25	.75	2.00
Large Red Wethersfield. The staple variety of the Eastern onion growers; of large size, deep in color, a good keeper.....	.25	.75	2.00
Southport Red Globe. Similar to the large Red in flavor and color, but quite distinct in form, being nearly globular .....	.25	.75	2.00
Yellow Globe Danvers. An excellent variety, mild and very productive; ripens early and a good keeper .....	.25	.75	2.00
White Portugal or Silver Skin. A handsome onion of mild flavor; extensively grown for pickling..	.35	1.00	3.50
Southport White Globe. Form nearly ovoid symmetrical, keeps well, is an excellent variety.....	.35	1.00	3.50
Southport Yellow Globe. As above except color .....	.25	.75	2.00
White Flat Bermuda. Very early	.30	.90	2.50

**Prizetaker.** Grows uniform in shape; is of immense size, measuring from 12 to 16 inches in circumference, while under special cultivation specimen bulbs have been raised to weigh from 2 to 3 pounds each; its pure white flesh is fine-grained, mild and delicate in flavor .....

.25 .75 2.00

The onion thrives best in a rather strong, deep, rich loamy soil, and unlike most vegetables succeeds well when cultivated on the same ground for successive years. The ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to soften. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread firmly; sow thinly in drills about a quarter of an inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand three or four inches apart.

## ONION SETS

White Onion Sets .....	Qt. 40 cents	Potato Onions .....	Price
Yellow Onion Sets .....	Qt. 35 cents	Shallots .....	on
Red Onion Sets .....	Qt. 35 cents	Red Top Onions .....	Application

## OKRA OR GUMBO

Package 5 Cents

German. Essbarer Safran; French, Gomo; Spanish, Quibombo.

Per oz.  $\frac{1}{4}$  lb. lb.



**Improved Dwarf White.** Long slender pods, very productive, only 14 inches high ..... \$0.15 \$0.35 \$1.00

**Dwarf Green.** Early and productive ..... .15 .35 1.00

**Long Green.** Fine long pods, very good ..... .15 .35 1.00

The pods in a young state are used in soups, sauces and stews, and are very wholesome and nutritious. It is the easiest culture and grows freely, bearing abundantly when grown in ordinary garden soil. It is sown at the usual time of all tender vegetables in drills two inches deep, setting the plants from two to three feet apart.

## PARSNIPS

Package 5 Cents

German, Pastinake; French, Panais; Spanish, Chirivia

Per oz.  $\frac{1}{4}$  lb. lb.

**Guernsey or Cup.** Leading variety ..... \$0.15 \$0.40 \$1.25

**Long Smooth or Hollow Crown.** Long roots ..... .15 .40 1.25

**Early Round.** ..... .15 .40 1.25

They succeed best in a deep rich soil that has been well manured the previous season, as manure freshly applied tends to the production of forked and ill-shaped roots. Sow the seed early in spring in drills eighteen inches apart in the garden, and three feet apart in the field, thin the plants to six inches in the drill.

## PARSLEY

Package 5 Cents

LONG GREEN OKRA

German, Petersilie; French, Persil; Spanish, Perjil.

Per oz.  $\frac{1}{4}$  lb. lb.

**Extra Double Curled.** A fine dwarf variety excellent for garnishing ..... \$0.15 \$0.40 \$1.25

**Moss Curled.** The most beautiful form of parsley, resembling crested fern or moss in its growth ..... \$0.15 \$0.40 \$1.25

**Plain Leaves.** Hardier than the curled variety ..... .15 .40 1.25

**Hamburg, or Rooted.** Edible roots ..... .15 .40 1.25

Should be sown very early in the spring in beds or in lines, and the seeds which are somewhat slow to vegetate should be previously soaked 24 hours in warm water. The soil should be kept free from weeds, which should be extracted by the hand, so as to avoid disturbance of the seed when about to germinate. As soon as the plants are large enough they should be thinned out so as to stand five or six inches apart.

## PEAS

Package 10 Cents

German, Erbsen; French, Pois; Spanish Guisantes.

Extra Early Varieties

1 lb. 2 lb. 10 lb.

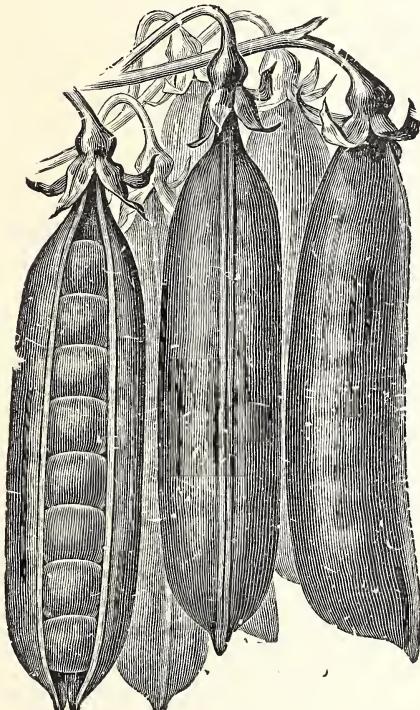
**\*World's Record.** Among early main-crop Peas of medium height, Gradus, or Prosperity, takes first place; happily named, indeed, on account of its high yield and superb flavor. In World's Record these points are more than maintained; the yield is as high and the quality, if anything, is enhanced. The great point in favor of the new sort is its earliness, the period from seed to maturity being less by a week than the standard Gradus ..... .45 .85 3.00

**Laxtonian.** Dwarf early wrinkled. Very prolific, large pods, height  $1\frac{1}{2}$  ft. ..... .45 .85 3.00

**Gradus or Prosperity.** Earliest wrinkled Pea grown. Can be sown early as the round sorts. Large peas and pods, splendid flavor. Requires no sticks, reaching only 36 inches in ordinary good soil. Height, 3 feet.... .40 .75 2.75

**Thomas Laxton.** A cross between Gradus and one of the extra early sorts. Ripens within a day or two of the earliest round varieties; very productive. The pods are large and contain 7 or 8 large, wrinkled Peas of the finest flavor ..... .45 .85 3.00

## PEAS—Continued.



	1 lb.	2 lb.	10 lb.
<b>Nott's Excelsior.</b> Extra dwarf wrinkled, pods larger than American Wonder, 1 foot....	\$0.40	\$0.70	\$2.65
<b>American Wonder.</b> Earliest wrinkled variety, 1½ feet....	.40	.70	2.65
<b>Alaska.</b> Very early and retain their color well, height 2½ feet	.35	.60	2.30
<b>First and Best.</b> One of the best extra early Peas. An improved strain of the Extra Early Market, height 2½ feet.....	.35	.60	2.30
<b>Little Gem.</b> A dwarf green wrinkled Market, very prolific, of superior flavor, and a first early, 1½ feet .....	.40	.70	2.65
<b>Premium Gem.</b> A fine flavored dwarf, wrinkled variety; good cropper and fine quality. Height, 18 inches .....	.40	.70	2.65

## SECOND EARLY VARIETIES.

<b>Everbearing.</b> Good size pea, long pods, height 2½ feet....	.40	.70	2.65
<b>McLean's Advancer...</b> Early green wrinkled varieties, delicious flavor, height 2½ feet..	.40	.70	2.65
<b>Pride of the Market.</b> Very large pods, green peas, sow thin, height 2 feet .....	.35	.60	2.35
<b>Abundance,</b> 18 inches high, 6 to 8 peas in pod, large and wrinkled .....	.40	.70	2.65
<b>Dwarf Telephone.</b> Same quality and productiveness as Telephone excepting the vines grow 2 feet high, pods are large and filled with immense peas of excellent flavor and sweet .....	.45	.85	3.00

## GENERAL CROP.

<b>Champion of England.</b> A popular wrinkled variety of delicious flavor, profuse bearer. Peas are very large, tender, height 5 feet .....	.40	.70	2.65
<b>Telephone.</b> This is the best pea for general crop, both for home and market use. Immediately productive and of finest quality. Vines very strong, averaging 18 to 20 large pods per stalk, 4 feet.....	.40	.70	2.65
<b>Mammoth Gray Sugar.</b> Edible pods, a fine flavored variety; can be used in green state like string beans. Height 5 feet .....	.45	.85	3.00
<b>Dwarf, Sugar.</b> Edible pods.....	.40	.70	2.65

Peas come earlier to maturity in light soil. For general crop a deep rich loam, or strong loam inclining to clay is best. For early crops decomposed leaves or leaf mould should be used, or if the soil is very poor, strong manure may be employed. For general crop a good dressing should be applied, and for the dwarf growing kinds the soil can hardly be too rich. When grown as a market crop, peas are not staked, but sown in single rows, two or three inches deep, two or three feet apart according to the variety. When grown in small quantities for private use

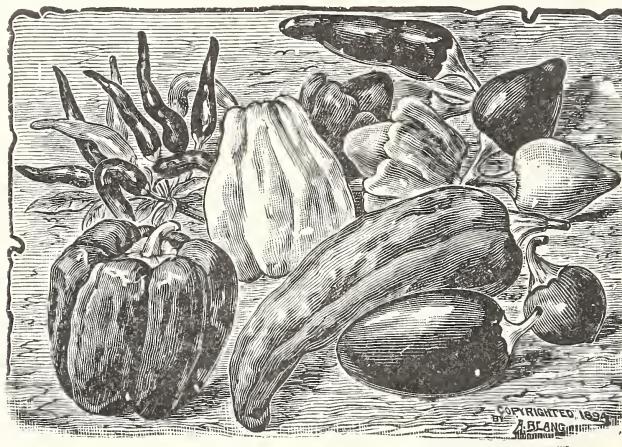
## PEAS—Continued.

they are sown in double rows six or eight inches apart, and the rows three feet apart, the tall varieties staked up by brush. For an early crop, sow as soon as the ground can be worked, and make repeated sowings every two weeks for succession. A quart is sufficient for a row of about eighty feet.

## PEPPER

Package 10 Cents

German, Pfeffer; French, Piment; Spanish, Pimento.



PEPPERS.

	Per oz.
Ruby King. Very large; bright red.....	\$0.50
Sweet Spanish. One of the largest. Best for salads, mild .....	.50
Large Bell or Bull Nose. An early variety of mild flavor .....	.50
Sweet Mountain or Mammoth. Of large size, best for mangoes .....	.50
Chinese Giant. Double the size of Ruby King. This is the largest and finest mild	
Red Pepper. Flesh is thick and unusually mild. Productive bearer .....	.75
Long Red Cayenne. Used for Pepper sauces; very pungent .....	.75
Chili. Very piquant and prolific, fruit conical, bright scarlet .....	.75
Golden Dawn Mango. This is a remarkably prolific Pepper of the Bell class of a magnificent golden color .....	.50
Hot Mango Pepper. Very Hot, best for Pepper Sauce and Pickling .....	.50

The Pepper or Capsicum is valuable for its seasoning qualities, as well as for pickling. Sow early in heat and transplant when the weather is warm and settled, or sow in warm situation in the garden about the middle of May. Plants should be set a foot and a half apart.

## POTATOES

German, Kartoffel; French, Pomme de Terre; Spanish, Petata.

Houlton Stirling (see novelties).

Houlton Hebron. White skin, the most popular variety in cultivation

Houlton Rose. The standard variety.....

Houlton Early Queen. Early and productive.....

Houlton Green Mountain. Late variety, good keeper, white and mealy

Houlton Irish Cobbler. Very early, round white.....

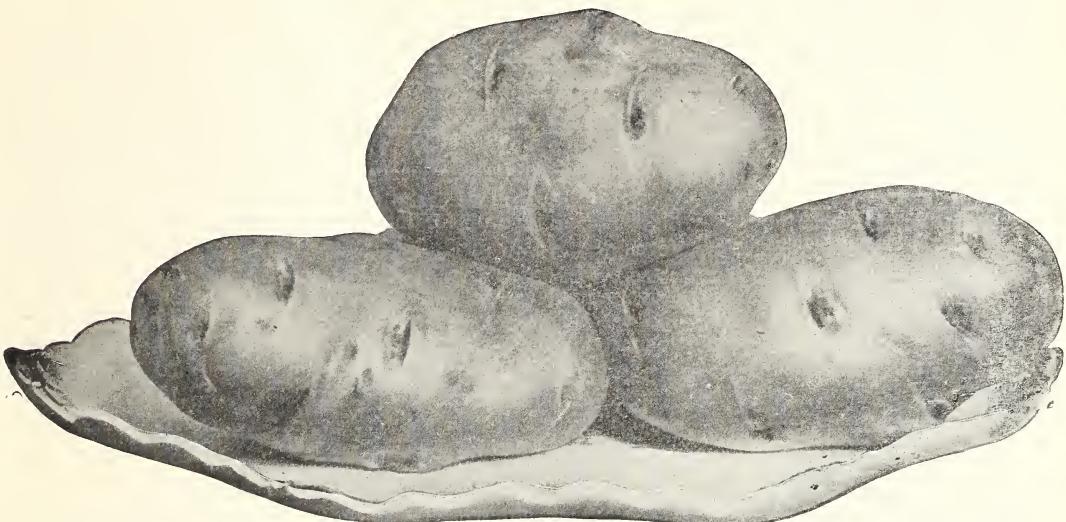
Houlton Boree. Extra early production, white flesh.....

Houlton Bagley .....

Houlton Delaware .....

Prices on  
application.

## POTATOES—Continued



HOULTON MAINE POTATOES.

## PUMPKIN

Package 5 Cents

German, Kuerbis; French, Courge;  
Spanish, Calabaz a Tetanera.

CHEESE PUMPKIN.

	Per oz.	1/4-lb.	lb.
Calhoun. Flesh wonderfully thick, fine grained.....	\$0.15	\$0.50	\$1.75
Large Cheese. The best variety, hard and productive .....	.15	.40	1.25
Connecticut Field. Very productive, largely grown for feeding stock .....	.15	.35	1.00
Mammoth Tours. Grows to an immense size .....	.20	.55	1.75
Early Sugar. Fruits medium size, of excellent keeping quality. Flesh very sweet .....	.15	.35	1.25
Cushaw. Salmon color, crooked neck .....	.20	.50	1.50
Tennessee Sweet Potato. Bell shaped, thick, white flesh, nothing finer for pies .....	.20	.50	1.60

Cushaw. Salmon color, crooked neck .....

Tennessee Sweet Potato. Bell shaped, thick, white flesh, nothing finer for pies .....

These are usually in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow in May; in hills eight feet apart.

## RHUBARB

Package 5 Cents

German, Rabarber; French, Rhubarbe; Spanish, Ruibarbo.

	Per oz.	1/4-lb
Linnaeus. Early, large and tender .....	.20	.50
Victoria. Very large, later than Linnaeus.....	.20	.50
Roots (Victoria) .....		15c each

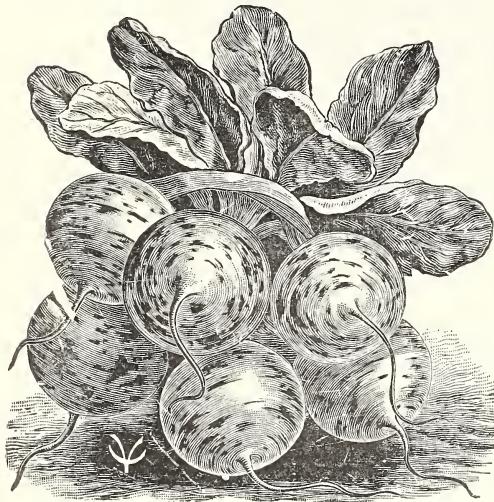
Sow early in spring, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall or following Spring, transplant into deep, rich soil, about three feet apart each way.

## RADISH

### 5 Cents Package

German, Retting; French, Radis; Spanish, Robanitos.

		Per oz.	$\frac{1}{4}$ -lb.	1 lb.
Early Scarlet Turnip.	The standard variety, of quick growth, mild and crisp when young .....	\$0.15	\$0.30	\$1.00
Early Scarlet Turnip.	Forcing variety, maturing in three weeks .....	.15	.40	1.25
Early Scarlet Turnip.	White tipped. A beautiful new early kind, round in shape; color scarlet, tipped with white, a favorite for market gardeners ..	.15	.40	1.25
Early Scarlet Turnip.	White tip, forcing .....	.20	.50	1.50
Olive Shape Deep Scarlet .....		.15	.40	1.25
French Breakfast.	Of quick growth, very mild and tender, of oval form; color scarlet, tipped with white .....	.15	.40	1.25
Long Scarlet.	One of the leading market kinds. ....	.15	.35	1.00
Rose China Winter.	Flesh firm and piquant; excellent for winter use .....	.20	.50	1.50
White Summer Turnip.	A summer variety of mild flavor .....	.15	.45	1.25
Yellow Summer Turnip.	Grows to a large size. ....	.15	.40	1.25



best in high rich soil. For a successful supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown on a mild hotbed in February. The winter varieties may be sown from the latter part of July to the middle of September.

## SORREL

### 10 Cents Package

Used for Salad—Has an acid flavor—or it may be cooked same as spinach.

oz.	$\frac{1}{4}$ -lb.
.25	.75

Large French .....

## SPINACH

### 5 Cents Package

German, Spinat; French, Epinard; Spanish, Espinaca  
Special price on lots of 10 to 25 lbs.

	oz.	$\frac{1}{4}$ -lb.	1-lb.
Long Standing, Round Leaved .....	\$0.15	\$0.20	\$0.40
Flander's Round Leaved. The variety commonly grown, good for spring or fall sowing .....	.15	.20	.40
Large Viroflay. A new variety, with leaves much larger and thicker than the old variety .....	.15	.20	.40

## SPINACH—Continued

	Per oz.	$\frac{1}{4}$ -lb.	lb.
Victoria, New. Dark green color, sow early.....	\$0.10	\$0.20	\$0.40
Bloomsdale Savoy Leaved. A large, curled, thick leaved variety, the market gardener's favorite.....	.10	.20	.40
New Zealand. Produces leaves in great abundance throughout the summer, should be raised in heat and transplanted three feet apart each way into light rich soil .....	.15	.35	1.25
King of Denmark Spinach. Large flat tufts. Early. Good keeper. Will stand 2 to 3 weeks longer than the very best long standing variety .....	.15	.40	1.00

Sow in fall for spring use, in drills a foot apart, thinning out the plants to three inches apart in the rows. Spinach is very hardy and does not require protection except in very exposed places, where a covering of straw or leaves is useful. For summer use sow as early as possible in spring, and at frequent intervals, during the season for succession.

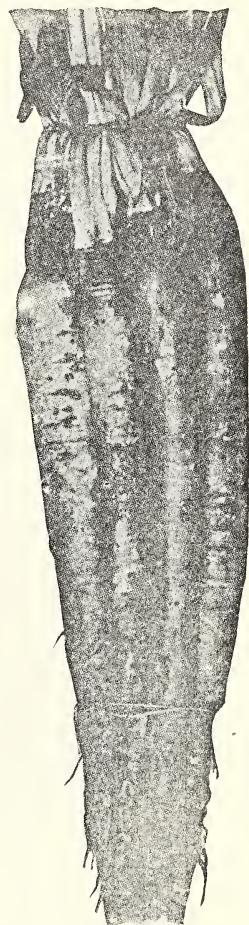
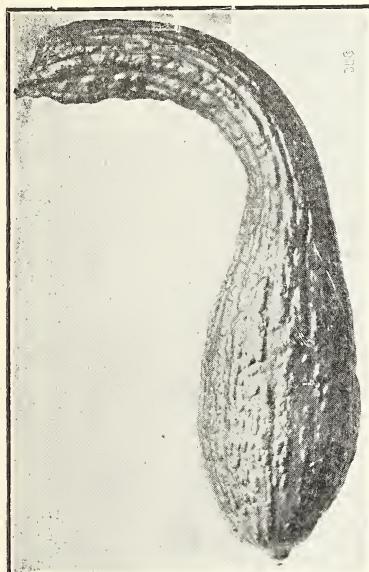
## SALSIFY, OR OYSTER PLANT

Package 10 Cents

German, Bocksbart; French; Salsifis; Spanish, Salsifi.

	Per oz.	$\frac{1}{4}$ -lb.	lb.
Mammoth Sandwich Island .....	\$0.30	\$0.75	\$2.50

This very nutritious vegetable requires the same cultivation as Carrots or Parsnips. It is quite hardy and the roots may remain in the ground all winter; a quantity can be taken up and packed in earth or sand, and stored away for use when needed. It makes a fine soup, like the oyster. It is also half-boiled, grated fine, made into small balls, dipped into butter, and fried.



## SQUASH

Package 5 Cents

German, Garten Kuerbise, French Courge; Spanish, Bueter

SALSIFY

Per oz.	$\frac{1}{4}$ -lb.	lb.
\$0.20	\$0.50	\$1.50

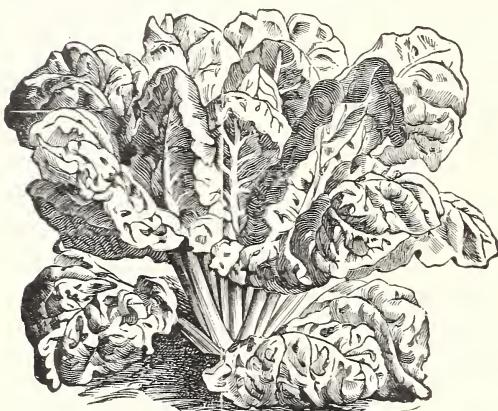
Mammoth Summer Crookneck. Twice size of Summer Crookneck .....	.15	.45	1.50
Early Golden Bush Scalloped. True bush growth producing fruit ready for use early in the summer .....	.15	.45	1.50
Early White Bush Scalloped. A white variety of the above .....	.15	.45	1.50
Summer Crookneck. Early, productive and of good quality.....	.20	.45	1.40
Boston Marrow. A very valuable medium early variety, an excellent keeper and of superior quality.....	.15	.45	1.50
Hubbard. The best Winter Squash, fine grained, dry, keeps well and is of excellent flavor .....	.20	.50	1.50
Mammoth Chili. Grows to a large size, often weighing two hundred pounds. Excellent for stock .....	.25	.75	2.00
Vegetable Marrow. A favorite English sort, skin greenish yellow, flesh white, soft and rich flavor .....	.20	.50	1.75
Italian (Coccozella di Napoli) grows 20 inches long with diameter of 3 or 4 in. Green or Marbled Yellow. .....	.25	.75	2.00

## SQUASH—Continued.

Squashes are divided into two classes, Summer and Winter. The Summer varieties come into use about midsummer, and are eaten when the rind and flesh are young and tender. The Winter varieties are left on the vines until they are thoroughly ripe, gathered in the Fall, and stored away for Winter use. If well ripened and kept in a good cellar, they can be preserved until May. Prepare hill for the seeds by incorporating two or three shovelfuls of well rotted manure with the soil for each hill. For the bush varieties, from three to four feet each way, and for the running sorts from six to eight feet. Eight or ten seeds should be sown to each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants.

## SWISS CHARD OR SILVER BEET

5 Cents Package



SWISS CHARD.

**Silver Leaf.** This is a Beet producing leaves only of a quality superior to those of the ordinary Beet, and excellent greens. Cultivate about the same as spinach, by sowing in early spring in drills about a foot apart. Oz., 15c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.25.

**Giant Lucullus.** Large, crinkled leaves; tender and of fine flavor; dark green; pure white ribs. Oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.

## TOBACCO

Package 10 Cents

**Connecticut Seed Leaf.** This variety is best adapted to the climate of the Northern and Middle States. Oz., 50c;  $\frac{1}{4}$  lb., \$1.75.

**Havana.** Imported Seed, Vuelto de Abajo. Per oz. 75c;  $\frac{1}{4}$ -lb. \$2.75.

## TOMATO

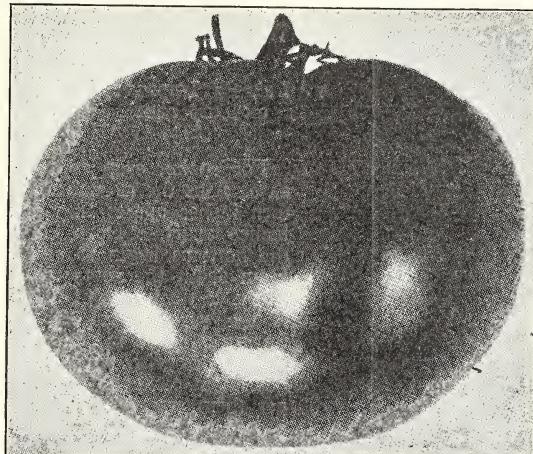
10 Cents Package

German, Liebesapfel; French, Tomate; Spanish Tomata.

	Per oz.	$\frac{1}{4}$ -lb.
I. X. L. ....	\$0.40	\$1.25
John Baer. Earliest tomato grown .....	.40	1.25
June Pink. A very early market sort, smooth, medium size, bright pink.....	.35	1.25
Earliana, Extra Early. Bright red, smooth. It is claimed to be one of the earliest introduced, very productive.....	.35	1.25
Favorite. Large, smooth, productive, very solid and of fine flavor. A good shipper .....	.35	1.00
Chalks Early Jewel. Extra early, large, smooth.....	.40	1.25
Trucker's Favorite. Large, smooth and very regular in form, purplish red, solid .....	.35	1.25
Ponderosa. Very large and solid .....	.50	1.75
New Stone. Large and smooth .....	.35	1.00
Livingston's Perfection. Very early, round, smooth, tough skin, brilliant; solid and rich flavor; ripening thoroughly. A favorite market variety .....	.35	1.00
Livingston's Beauty. Large dark crimson, thick skin .....	.35	1.00
Dwarf Champion. Resembles Acme, early.....	.45.	1.30
Acme. A beautiful variety. Fruit of medium size, form perfect and very smooth. Ripens all over and through at the same time. This variety seems to possess all the good qualities that can be desired in a tomato .....	.40	1.25
Matchless. Extra large, smooth and handsome; bright red; very solid. Plant of vigorous growth and prolific .....	.35	1.15
Bonny Best. Early tomato, large, smooth, uniform.....	.40	1.25

## TOMATO—Continued

	Per oz.
<b>Golden Queen.</b> A first class large, smooth, pure yellow Tomato. Fine bearer and of excellent flavor .....	\$0.50
<b>Yellow Plum.</b> Used principally for pickling.....	.50
<b>Red Pear Shape.</b> Used principally for preserving and pickling .....	.50
<b>Red Currant for Preserves</b> .....	.50
<b>Yellow Cherry.</b> Similar to above, except in color .....	.50



EARLIANA TOMATO

The seed should be sown in a hotbed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out four or five inches apart in another hotbed, or removed into small pots, allowing a single plant to a pot. About the middle of May the plants may be set in the open ground, at a distance of three to four feet apart in hills in which a good shovelful of rotted manure has been mixed.

## TURNIP

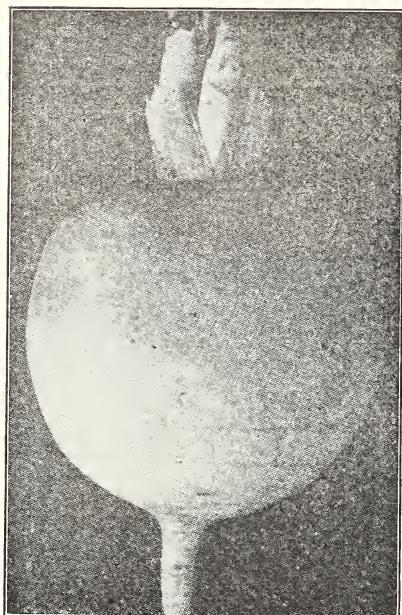
5 Cents Package

German, Rube; French, Navet; Spanish, Nabo.

	Per oz.	1/4-lb.	lb.
<b>Milan.</b> (Purple top), the earliest of all.....	\$.15	\$.35	\$1.25
<b>Early White Flat Dutch.</b> An early garden variety of medium variety size..	.15	.25	.75
<b>Red Top Strap Leaf.</b> This and the preceding are the best two kinds for Spring sowing and for garden culture.....	.15	.25	.75
<b>Red Top White Globe.</b> Very desirable, extensively grown for market .....	.15	.30	.85
<b>White Egg.</b> A new variety, beautifully shaped; excellent table turnip ....	.15	.30	.85
<b>Yellow Globe.</b> One of the best for general crop, either for table use or stock .....	.15	.25	.75
<b>Yellow Stone.</b> A good globe-shaped turnip, similar to the above .....	.15	.25	.75
<b>Golden Ball.</b> A table Turnip of quick growth, and unsurpassed quality ....	.15	.25	.75
<b>Long White or Cow Horn.</b> One of the best field Turnips, flesh fine grained	.15	.25	.75
<b>Yellow Aberdeen.</b> Hardy and productive, largely grown for farm purposes ...	.15	.25	.75
<b>Large White Norfolk.</b> Globe-shaped variety, one of the best for stock.....	.15	.25	.75
<b>Pomeranium White Globe.</b> Very fine, white Globe variety, round and thick .....	.15	.25	.75
<b>Seven Top.</b> Tops used for Greens.....	.20	.35	1.00

## TURNIPS—Continued

## RUTA BAGAS



AM. IMP. PURPLE TOP RUTA  
BAGA TURNIP

American Improved Purple Top. The leading variety, of fine quality, valuable both for the table and for feeding stock.

oz.  $\frac{1}{4}$ -lb. lb.  
.15 .30 .85

Carter's Imperial Royal Swede. An English variety, highly recommended as producing enormous crops.

.15 .35 .85

White or Sweet German. A large solid variety.

.15 .25 .85

Laing's Improved, Globe-Shaped, with small top and tap root.

.15 .25 .85

For spring crop commence sowing early varieties as soon as the ground can be worked, in drills fourteen inches apart; thin out the plants to five or six inches apart. Keep clear from weeds, and when the bottoms begin to enlarge, brush away the earth from about the roots the depth of an inch or more and give them a light dressing, of wood ashes. This is the surest mode of obtaining fair and smooth Spring Turnips in old gardens where they are almost certain to grow wormy if the earth is allowed to remain in contact with the roots. It is important to get them started very early so that they may have time to grow a sufficient size before very hot weather, when they will soon become tough and strong. For the Fall and main crops, sow from the middle of July to the last of August in drills as directed for the Spring sowing. In the field, Turnips are more generally sown broadcast though much larger crops are obtained by drill culture.

## SWEET POT AND MEDICAL HERB SEEDS

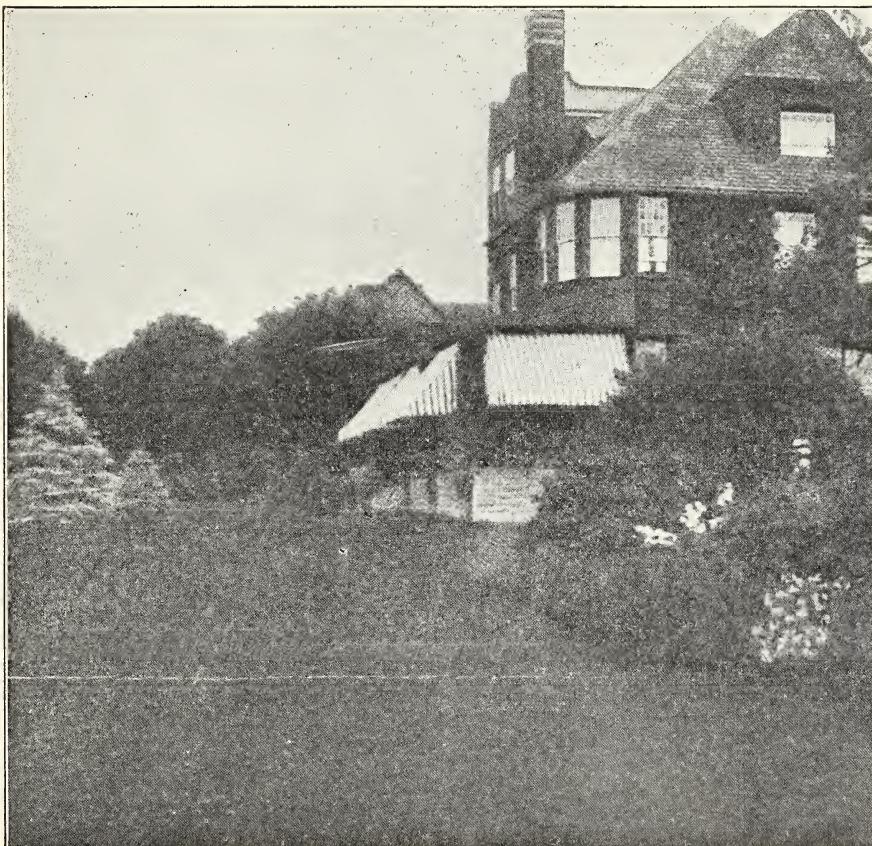
Herbs are valuable for culinary and medicinal purposes, but they do not always receive the attention which they deserve. They are easily grown, and when preserved by drying are ready for use at any season of the year. Sow in Spring as soon as the weather is warm, and thin out as the plants grow up.

	Pkg.	Oz.
Anise (Pimpinella anisum), an annual, cultivated for its seeds and its leaves, which are used for garnishing and for seasoning.....	\$0.10	\$0.20
Balm (Melissa officinalis), a hardy perennial, used for making balm tea and balm wine .....	.10	.35
Basil, Sweet (Ocimum basilicum). This is a tender annual, cultivated for its leaves, which are much used for flavoring soups and sauces .....	.10	.20
Bene (Sesamum orientale) .....	.10	.35
Borage (Borage officinalis), hardy annual, sometimes used as a pot herb, and also for garnishing, but chiefly for claret cup and other cooling drinks. Bees are very partial to the flowers .....	.10	.30
Caraway (Carum cauri), hardy biennial, cultivated for its seeds, which are largely used in various kinds of confectionery and for giving flavor to liquors.....	.10	.20
Catnip (Nepeta cataria), perennial .....	.10	.50
Coriander (Coraindrum salivum), an annual, raised for its seeds, which are used by confectioners, and sometimes to disguise the taste of medicine .....	.10	.25
Dill (Anethum graveolens), annual, the leaves are used in soups and sauces, and the seeds are sometimes added to pickle cucumbers to heighten their flavor. Medicinally they are good for flatulence and colic in infants, $\frac{1}{4}$ -lb. .50 .....	.10	.20
Fenel (Anethum foeniculum), hardy perennial, leaves used for garnishing, and in the preparation of various fish sauces.....	.10	.20
Florence Fernel. An excellent salad plant and is also boiled. The flavor is somewhat spicy .....	.10	.25
Horehound (Marriubium vulgare), hardy perennial .....	.10	.30
Hyssop (Hyssopus officinalis), hardy perennial, the leafy tops and flowers are used for making hyssop tea .....	.10	.25

## SWEET POT AND MEDICINAL HERB SEEDS—Continued

	Pkg.	Oz.
<b>Lavender</b> ( <i>Lavandula spica</i> ), a popular aromatic herb .....	\$0.10	\$0.30
<b>Marjoram, Sweet</b> ( <i>Origanum Majorana</i> ), for seasoning .....	.10	.40
<b>Rosemary</b> ( <i>Rosmarinus officinalis</i> ), an aromatic herb .....	.10	.50
<b>Rue</b> ( <i>Ruta graveolens</i> ), used for medicinal purposes, also frequently given to fowls for the roup .....	.10	.60
<b>Sage</b> ( <i>Salvia officinalis</i> ), much used for flavoring articles of cookery. It is also pos- sessed of medicinal virtues. Tea made from its leaves is a soporific; causing profuse perspiration,.....	.10	.50
<b>Summer Savory</b> ( <i>Satureia hortensis</i> ), annual. It has medicinal and culinary uses. Its aromatic leaves are much esteemed in salads and soups .....	.10	.30
<b>Thyme, Broad Leaved English</b> , hardy perennial. Thyme is used in various ways for soups, sauce and dressings, and a tea is made of the leaves which is a great remedy for nervous headaches .....	.10	.50
<b>Wormwood</b> ( <i>Antemesia abietinum</i> ), used for medicinal purposes; it is also benefi- cial to poultry and should be planted in poultry grounds .....	.10	.35

## Muzzy Brothers' Celebrated Lawn Grass Seeds



Lawns like this can be produced by sowing Muzzy's Lawn Grass Seed.

# ABOUT LAWNS AND LAWN GRASS SEED

## FORMATION OF LAWNS FROM SEED.

There is nothing more attractive than a well kept lawn.

Many things are to be considered in connection with the making and proper care of lawns. A good lawn cannot be made in one season, success coming only through intelligent care for a period of years.

The ground should be thoroughly drained and well prepared. The soil ought not to be too rich, as a rapid growth is not wanted in the grasses of a lawn; but the surface should be as much alike in quality as possible and thoroughly pulverized. After sowing, the ground should be rolled and cross-rolled in order to press the seed firmly into the soil, and ten days or so thereafter a light application of Muzzy's Lawn Fertilizer mixed with an equal quantity of good loam or sand, will serve to stimulate the growth of the young grasses. The proper time to sow grass seed depends, of course, upon the latitude. In the central and eastern states from March 15 to the middle of May is the best time; but in favorable seasons the sowing may be done up to July 1. Seed may also be sown in the Fall, from the latter part of August to the end of September. The sewing should be done when the ground is moist, or before an expected rain, and a subsequent rolling is always advisable. As to weeds in newly-made lawns, it may be generally known that many weed seeds actually lie dormant in the ground for six or seven years and will germinate and make their appearance when the soil is turned up. The annual wild grasses, such as crab grass or Summer grass, must be pulled up by the roots before they ripen their seed in the Fall.

**Rolling.**—As soon as the frost is out of the ground in the Spring, the land should be gone over with a heavy roller. Winter frosts loosen the soil, and rolling is necessary to compress it again. Roll frequently.

**Mowing.**—All turf-forming grasses are improved, both in vigor of root-growth and in fineness of texture, by frequent mowings. It is impossible to say just how often the grass should be mown, as that depends upon the rate at which it grows. Too close cutting should be guarded against, however, especially during the hot Summer months, when the roots require some top-growth to protect them from the burning sun. A good top growth is also necessary to protect the roots from severe Winter frosts.

It is a good plan to sow on good land, in any out-of-the-way place, strips for sod to be used for patching poor parts of the lawn, or for grass borders, etc. The best mixture of seed for this purpose is *Cynosurus cristatus* (Crested Dog's-tail). Kentucky Blue Grass and Fancy Red Top.

## MUZZY BROTHERS' CELEBRATED LAWN GRASS

	½lb.	1lb.	2lb.	5lb.	20lb.
Muzzy Bros.' Standard Lawn Grass. Composed of a mixture of the finest grasses; sow three bushels per acre ...	\$0.30	\$0.50	\$1.00	\$2.25	\$8.00
Muzzy Bros.' Velvet Lawn Mixture. This extra choice mixture contains a large proportion of the finer and more expensive species of grasses, in extra heavy samples, producing a turf of the closest and finest texture possible .....	.35	.65	1.20	3.00	11.00
Muzzy Bros.' Shady Lawn Mixture. A mixture of grasses that thrive in shady situations, under trees, or close to walls where there is little sun .....	.35	.65	1.20	3.00	11.00
Muzzy Bros.' Special Lawn Mixture. Adapted specially for new ground; that is, when no lawn existed. It grows quick and abundantly. It has the finest grass .....	.35	.65	1.20	3.00	10.00

## QUANTITIES TO BE USED

Plot 20 feet by 20 feet, sow 1 pound.	Plot 25 feet by 100 feet, sow 6 pounds.
Plot 25 feet by 50 feet, sow 3 pounds.	Plot one acre, sow 80 pounds.

For large lawns, where turf has become bare through constant use, it is only necessary to sow fresh seed at the rate of one to two bushels to an acre. On such lawns it is well to use our Lawn Dressing, which can be raked in.

Most all of the natural grasses are grown in the vicinity of Arnhem. It is a city of about 75,000. Many of the wealthier classes have resorted to spend an easy and agreeable life. Many of the Dutch East India people and men of wealth have chosen this spot. It is situated in one of the highest parts of Holland—very healthy.

**Muzzy Bros.' Celebrated Lawn Grass Mixtures** have a sustained reputation, covering many years. With our long experience and carefulness we are in a position to give our customers the right seed for the condition that exists in their particular case.



Lawns like this can be produced by sowing Muzzy's Lawn Grass Seed.

# *The Proper Fertilizer For Lawns*



**SHEEP MANURE**, spread about one ton to the acre, is an excellent dressing, and will not bring many weeds.

Sow Broadcast.

**NITRATE OF SODA** spread broadcast, about 200 pounds to the acre, will give immediate results, and is a good thing to use. For small places, and where it is preferable to make a solution of the nitrate, it can be easily done by putting one pound to fifty gallons of water, and then sprinkled on the grass. Nitrate should be spread broadcast only when a shower is expected, otherwise it is apt to burn the grass. Several light dressings of nitrate are preferable to one heavy one. You get much better results by applying in this way.

When the lawn is of Kentucky Blue Grass, a dressing of slacked lime can be given with advantage. Spread it in the fall after the ground is frozen.

#### PRICE SHEEP MANURE

1-lb.....	\$ .10	25-lb. ....	\$1.25
5-lb.....	.40	50-lb.....	2.00
10-lb.....	.75	100-lb.....	3.00
1-Ton .....			\$48.00

#### PRICE NITRATE OF SODA

1-lb. ....	15	10-lb. ....	\$1.00
25-lb. ....	2.00	50-lb. ....	3.50
100-lb. ....	5.00	200-lb. ....	9.50

## GRASS SEEDS

	Per 10 lbs.	1 lb.
<b>Hard Fescue</b> ( <i>Festuca duruiscula</i> ), admirable pasture grass of fine quality, thrives well in dry situations. 30 lbs. to the acre .....	\$3.50	\$0.40
<b>Meadow Fescue</b> ( <i>Festuca pratensis</i> ), this is excellent for hay when sown with other grasses, such as Orchard Grass and Timothy, and is also considered one of the greatest grasses for permanent pasture on a great variety of soils. 40 lbs. to the acre.....	2.50	.30
<b>Sheep's Fescue</b> ( <i>Festuca ovina</i> ), does well in high, dry and open pastures, is of short, dense growth, and valuable in lawn mixtures, 30 lbs to the acre.	3.50	.40
<b>Orchard Grass</b> ( <i>Dactylis glomerata</i> ), is one of the most desirable of all pasture grasses, coming early in the Spring and remaining later in the Autumn than any other. 3 bu. to the acre. 14 lb. bu. .....	3.00	.35
<b>Fancy Red Top Grass</b> , cleaned like Timothy; free from chaff .....	5.00	.60
<b>Rhode Island Bent Grass</b> ( <i>Agrostis Tennis</i> ), best of all grasses for lawn where only one variety is used.....	Market Price	
<b>Rye Grass English</b> ( <i>Lolium perenne</i> ). Probably one of the most important and valuable of the cultivated grasses; is naturally adapted to almost any soil; matures early, and is very productive, but contains less nutrition than Orchard Grass.....	2.00	.25
<b>Rye Grass Italian</b> ( <i>Lolium Italicum</i> ). This ripens much sooner than the English Rye Grass, and is greatly preferred by cattle and greedily eaten by them, either in a green or dry state.....	2.25	.25
<b>Tall Meadow Oat Grass</b> ( <i>Avena Elatior</i> ). As a crop to cut for hay, this is very desirable because of its early and luxuriant growth. It shoots up very quickly after being cut, and produces a thick crop of aftermath, which also makes it valuable as a soiling crop. It has been lately in demand and is much valued in the South.....	4.50	.50
<b>Timothy, Herd's Grass</b> ( <i>Phleum pratense</i> ). As a crop to cut for hay, this is probably unsurpassed. It thrives best on moist, peaty or loamy soils, and is not suited to light or sandy soils, although on such it can with care, be made to produce fair crops. Price according to market, 45 lbs. to bu...	Market Price.	
<b>Wood Meadow Grass</b> ( <i>Poa nemoralis</i> ). This grass grows well both on shady and exposed situations. 30 lbs. to the acre .....	7.50	.90
<b>Tall Oat Grass</b> ( <i>Avena Edatior</i> ), good for dry pastures and meadows. Is much relished by sheep.....	4.50	.50
<b>Golden or German Millet.</b> This variety is a heavier cropper than the Hungarian Grass, and needs a longer season and stiffer soil. Grows from three to five feet high, stands up well, is easily cured; gives general satisfaction. Three pecks to the acre. Per bushel of 48 lbs. .....	8c lb. in Bus. Lots	
<b>Japanese Millet.</b> This wonderful Millet yields possibly more fodder than any other forage plant that requires so little to sow an acre. Frequently as high as 12 tons of green food have been obtained from an acre. It is somewhat coarse in texture, growing sometimes as high as 8 feet; it is, however, ideal for silo or hay purposes. If sown early in May, it may be cut twice in one season. It branches out at the roots, and more than 12 lbs. per acre broadcast cannot be sown to advantage. Sow any time from May 1 to June 15. 10c lb. in Bus. Lots		
<b>Hungarian Grass.</b> A valuable forage plant, succeeds well on dry, light soil; withstands the drought remarkably, remaining green when all other vegetation is parched up, and if its development is arrested by dry weather, the least rain will restore it to vigor. Sow broadcast. Three pkgs. to the acre Per bushel of 48 lbs. .....	10c lb. in Bus. Lots	

Prices on above subject to market fluctuations without notice.

## GRASS SEED—Continued.

These Prices are Subject to Variation.

		Per 10 lbs.	Per lb.
Blue Grass Kentucky (Poa pratensis), extra clean; does well on light dry soils; recommended for permanent pasture; it requires two or three years to form a good sod, and does not arrive at its perfection as a pasture grass until it is much older; valuable in mixtures for lawn. 14 lb. bushel.....	5.00	.60	
Blue Grass Canada. Little coarser than Kentucky .....	4.50	.50	
Creeping Bent Grass, Florin (Agrostis stolonifera), used for lawns, well adapted to most places .....		1.25	
Crested Dogtaine (Cynosurus cristatus), good for permanent pasture for sheep, is productive and early, suffers but little from dry weather, and is one of the best grasses for lawns, 25 lbs. to the acre .....	6.50	.75	
Soudan GrGass. Valuable for Hog in sections of drought. Sow 25 lbs. to acre grow from 4 to 7 ft. Yield 2 to 5 tons to acre .....	100 lb., \$15.00; 1b., 25c		

## CLOVERS

(Subject to Variation in Price).

Red Clover. Medium (Trifolium pratense). Price variable, 60 lbs. to bushel.	Market Price
Red Clover, Large or Pea Vine. Price variable .....	
White Clover. (Trifolium repens) .....	
Alfalfa or Lucrene. Requires a deep rich soil, and in such will produce several crops every season. Fifteen pounds to the acre.....	
Alsiike or Swedish (Trifolium hybridum). Ten pounds to the acre.....	
Crimson or Italian (Trifolium incarnatum), sown in Autumn, it furnishes an early fodder and is excellent for soiling. Twenty pounds to the acre. Price variable.....	
Bokhara Clover (Melilotus alba), affords excellent feed for bees; it is valuable soiling plant; lasts two years. Ten pounds to the acre.....	
Yellow Trefoil (Medicago lupina) Hop clover. Fifteen pounds to the acre.....	

## MEADOW AND PASTURE MIXTURES

The formation of permanent and productive meadows and pastures is of great value to farmers, and has been given thorough study by numerous experts, resulting in formulas that will give good results under the varying conditions of our climate.

It is a well known fact that a heavier and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. Some sorts do best on high, dry soil, while others prefer plenty of moisture. Some mature so early and others so late that there is no time in the season when one sort or another is not at its best. Grass seed may be sown either early in spring or fall, from September to the middle of October in this latitude. Below we give mixtures that we are confident will give good results.

## MEADOW MIXTURE FOR ONE ACRE

No. 1. On Good Land,  
Neither Too Dry nor Too Wet  
Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

No. 2. For High and Dry Land.  
Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

No. 3. On Wet Land  
Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

## PASTURE MIXTURE FOR ONE ACRE

No. 4. On Good Land.  
Neither Too Wet nor Too Dry.  
Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

No. 5. On Dry Land  
Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

No. 6. On Wet Land  
Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

## GRAINS

All grains are selected expressly for seed, and are strictly pure and true to name.

Sold at Market Prices and Subject to Change.

### SPRING WHEAT, 60 lb. Bushel.

**Marquis Spring.** This variety has been grown with great success for a number of years in Canada, and is very highly recommended, is bearded, yields well and the kernels are larger than those of other Spring varieties ..... Market Price.

**White Russian.** This variety, recently introduced, has proved very valuable in many localities in the Northwestern States. Straw of good length, strong, does not lodge. It is not inclined to rust. Heads of large size and well filled with plump kernels weighing 60 to 63 lbs. to the bushel. Has produced 40 to 50 bushels to the acre..... Market Price

### WINTER WHEAT, 60 lb. bushel.

**Red Man.** Also known as the Seneca. This is a beardless white wheat. It proves early and hardy, has a stiff straw, yields larger crops than any other ..... Market Price

**Fultz.** A beardless amber variety, grown largely in some sections of Pennsylvania and with very satisfactory results. It is very hardy and productive, and the straw is of medium length and very strong; makes excellent flour ..... Market Price

**Red Mediterranean.** (American). This is the imported variety fully acclimated and is a standard wheat. The heads are bearded and well filled. It succeeds well in nearly all localities and ripens early ..... Market Price

### OATS, 32 lb. bushel.

**SWEDISH.** Very popular and standing well until fully ripe ..... \$1.75 bus.

**RYE, 56 lb. Bushel** Spring, \$3.50 bus. and Winter Rye, \$2.00 bus.

### SPRING BARLEY, 48 lb. Bushel

**Vermont Champion (two rowed), \$2.50 Bushel.**

### BUCKWHEAT, 48 lb. Bushel.

**Silver Hull.** This variety is a great improvement on the common Buckwheat. Sown at the same time it will continue to bloom longer, matures a few days sooner, and yields nearly or quite double under the same conditions.

### JAPANESE BUCKWHEAT.

Yields twice or three times as much as Silver Hull and ripens a week earlier ..... \$2.75 bus.

### MISCELLANEOUS SEEDS, ETC.

Kaffir Corn or Sorghum	Per lb., 10c; 100 lbs., \$4.00
Essex Rape	Lb., 15c; 100 lbs., \$10.00
Cow Peas. For Fodder ..	Per pk., \$1.25; bu., \$7.50



## MISCELLANEOUS SEEDS, ETC.—Continued.

Canary, Best Sicily ( <i>Phalaris canariensis</i> )	Per lb., \$0.15	Rape ( <i>Brassica napus</i> )	Per lb., \$0.12
Hemp ( <i>Cannabis sativa</i> )	Per lb., .10	Mixed Bird Seed	Per lb., .15
Maw ( <i>Papaver Rhoeas</i> )	Per lb., .25	Sunflower, Large Russia	Per qt. .12
Lettuce Seed	Per lb., .50	Gravel for Cages	Per pkg., .08
Millet ( <i>Panicum miliaceum</i> )	Per lb., .10	Cuttle Fish Bone	Each 2c and 3c

Asparagus Roots, Conover's Colossal and Palmetto (2 years old), ..... See Page 5

Rhubarb Roots ..... 15c each.      Horse Radish Roots ..... per 100, \$1.75

Strawberry Plants, Currant Bushes, Blackberry Bushes, Raspberry Bushes, Grape Vines and Gooseberry Bushes ..... Prices on Application

## QUANTITY OF SEEDS FOR A GIVEN NUMBER OF PLANTS, ETC.

Asparagus	1 oz. to 60 ft. drill	Pole Beans	1 qt. to 150 hills
Beet	1 oz. to 50 ft. drill	Corn	1 qt. to 200 hills
Carrot	1 oz. to 150 ft. drill	Cucumber	1 oz. to 50 hills
Endive	1 oz. to 150 ft. drill	Water Melon	1 oz. to 30 hills
Okra	1 oz. to 40 ft. drill	Musk Melon	1 oz. to 60 hills
Onion	1 oz. to 100 ft. drill	Pumpkin	1 oz. to 40 hills
Onion Sets, small	1 qt. to 20 ft. drill	Early Squash	1 oz. to 50 hills
Parsley	1 oz. to 150 ft. drill	Marrow Squash	1 oz. to 16 hills
Parsnip	1 oz. to 200 ft. drill	Cabbage	1 oz. to 3,000 plants
Radish	1 oz. to 100 ft. drill	Cauliflower	1 oz. to 3,000 plants
Salsify	1 oz. to 70 ft. drill	Celery	1 oz. to 4,000 plants
Spinach	1 oz. to 100 ft. drill	Egg Plant	1 oz. to 2,000 plants
Turnip	1 oz. to 150 ft. drill	Lettuce	1 oz. to 4,000 plants
Peas	1 qt. to 100 ft. drill	Pepper	1 oz. to 2,000 plants
Dwarf Peas	1 qt. to 100 ft. drill	Tomato	1 oz. to 2,000 plants

## QUANTITY OF SEEDS AND PLANTS REQUISITE TO CROP AN ACRE OF LAND

Artichokes, Jerusalem	3	bu.	Kale, German Greens	3	lbs.
Asparagus, in 12-inch drills	.25	lbs.	Lettuce, in rows; 2½ feet	3	lbs.
plants, 4x1¼ feet			Leek, in rows; 2½ feet	3	lbs.
Barclay, broadcast	2½	bu.	Melon, Water in hills; 8x8 feet	3	lbs.
Beans, dwarf, in drills; 2½ feet	2½	bu.	Citron, in hills; 4x4 feet	2	lbs.
Lima, in drills; 4x4 feet	20	qts.	Millet, Pearl, in drills	5	lbs.
Pole, in hills, 4x3 feet	10	qts.	Golden, broadcast	¾	bu.
Beets, in drills, 2½ feet	.6 to 8	lbs.	Mustard, broadcast	12 to 16	qts.
Broom Corn, in hills	4 to 6	qts.	Oats, broadcast	2 to 3	bu.
Buckwheat broadcast	1	bu.	Onion, in drills	5	lbs.
Cabbage, sown in frames	6	oz.	In beds for sets	5	lbs.
Sown in outdoor beds for trans-planting	10	oz.	Parsnips, in drills; 2½ feet	5	lbs.
Carrot, in drills; 2½ feet	3	lbs.	Peas Early, in drills	1½	bu.
Celery Seed	.8	oz.	Marrowfat, in drills	1¼	bu.
Plants, 4x½ feet	25,000		Broadcast	3	bu.
Chufas, in drills, 2½ feet	½	bu.	Potato, cut tubers; in drills	.8 to 10	bu.
Clover, Alsike	5	lbs.	Radish, in drills, 2 feet	8	lbs.
Red, alone	15	lbs.	Broadcast	12	lbs.
White, alone	12	lbs.	Pepper Plants, 2½x1 foot	17,500	
White, with other Seeds	4	lbs.	Pumpkin, in hills; 8x8 feet	2	qts.
Lucerne or Alfalfa	15	lbs.	Parsley, in drills; 2 feet	4	lbs.
Corn, Sweet	8 to 10	qts.	Rye, broadcast	1½ to 2	bu.
Field	7 to 9	qts.	Salsify, in drills, 2½ feet	10	lbs.
For fodder	3	bu.	Sorghum, in drills	10 to 12	lbs.
Corn Salad, in drills; 10 inches	.25	lbs.	Spinach, in drills	10	lbs.
Cucumber, in hills	1½	lbs.	Broadcast	30	lbs.
Egg Plants; plants 3x2 feet	.4	oz.	Turnips, in drills; 2 feet	1½	lbs.
Endive, in drills, 2½ feet	3	lbs.	Broadcast	2 to 3	lbs.
Grass, Hungarian	¾	bu.	Tomatoes, in frame	4	oz.
Lawn	3 to 4	bu.	Plants		3,800
Orchard	2 to 3	bu.	Wheat, broadcast	2	bu.
Rye	2	bu.	In drills	1½	bu.
Kentucky Blue	3	bu.	Clover, } together } 10 lbs. Clover		
Timothy	¼	bu.	Timothy, } for } ¼ bu. Timothy		
Red Top	3	bu.	Red Top, } one acre } 1 bu. Red Top		

# General List of Flower Seeds

## CULTIVATION OF FLOWER SEEDS

### HARDY ANNUALS

Successive sowing may be made from March to the end of September; March, April and May are the best months for general Summer display; June and July for Autumn blooming, and August and September for Spring flowering. The soil should be carefully prepared by being finely pulverized and made light and rich.

Sow thinly; cover with a very thin coat of fine dry earth—the smallest seeds needing but a mere dusting to cover them—and from the first keep the plants thinned sufficiently to prevent overcrowding, which weakens them and produces poor blooms.

### HALF HARDY AND TENDER ANNUALS.

These include some of the most beautiful and varied of our Summer flowers, among which may be mentioned Asters, Balsam, Ten Weeks Stocks, Phlox, Drummondii and Double Zinnia, which in form, size and brilliancy of flowers, and their great diversity of color, are now brought to a high state of perfection.

Sow from the beginning of March to June; when sown in March and early part of April, sow thinly in well-drained pots, pans or boxes; place in the greenhouse or a frame where there is a mild heat, or in the absence of these a sunny window in the house will do; cover the seeds lightly, press down the soil firmly and give a gentle watering with a fine rose watering pot.

Separate the plants when large enough to handle, and firmly plant out in May, as soon as the weather is sufficiently warm where intended to flower. The seed can be sown in the open ground in May and June.

### HARDY BIENNIALS AND PERENNIALS.

These can be grown at all seasons of the year in the open garden without protection, and may therefore be placed among the most useful of our flowering plants their variety is almost endless, producing almost every form of flower and shade of color.

The seeds may be sown from May to October, but the best time is in May and June. Select for sowing a shady, moist situation, and in order to secure fine, strong plants, sow thinly, and as soon as large enough transplant in showy weather to nursery beds, and finally plant out in October and November, those sown in Autumn are best planted out in March or April, where intended to flower. Many Perennials, if sown early and treated as Annuals will flower the first season. The Pansy, Petunia, ChinaPink and its several splendid varieties, and many others do better as Annuals than Perennials.

### ANNUALS FOR WINTER BLOOMING

Many Annuals are very desirable for the greenhouse for Winter blooming; these should be sown in July or August. The most important are Browallia, Candytuft, German Stocks, Lobelia, Mignonette, Schizanthus, Sweet Alyssum and Dwarf Nasturtiums. Many varieties as well as the above may be sown in the Fall and Winter for blooming early in the Spring, such as Acroclinium, Ageratum, Antirrhinum, Apple-scented Geranium, China Pinks, Dianthus, Mimulus, Myosotis, Pansy, Petunias, Phlox Drummondii, Salpiglossis, Salvia, Verbena Vinca and others.

### Abbreviations and Signs used in the following list

A.	Annual, refers to those plants that last but one season and must be raised annually.	t.	Tender, require to be raised and grown under glass, and will only do in the open air in July, August and September.
B.	Biennial, raised one year, bloom and die the next.	cl.	Climbing, as Cypress Vine, Morning Glory, etc.
P.	Perennial, lasts two or more seasons.	spr.	Spreading or trailing as Verbena.
h.	Hardy, as those that may be grown at all seasons in open air, without protection.	g.	Greenhouse, those plants which require to be grown under glass.
hh.	Half hardy, require the protection of a frame pit; or handlight till May, when they may be transferred to the open garden.	s.	Shrubs, plants of a shrubby or bushy habit.

Those Biennials, and Perennials marked with an (\*) will bloom the first year if sown early.

Ageratum, mixed .....	hha	1	blue	5	Valuable bedding plants, of dwarf habits, very free-flower
Alyssum, sweet ..... oz. 50c	ha	½	white	5	Sweet Alyssum, a well-known fragrant flower.
Alyssum, saxatile ..... oz. \$1.50	hp	1	yellow	10	
Amaranthus Love Lies Bleeding	"	4	var. col.	10	
" melacholicus rubber	"	2	red	5	
" bicolor ruber .....	"	3	"	5	
" salicifolius .....	"	3	scarlet	5	
" tricolor Jos. coat	"	1	var. col.	5	
oz. 75c .....	"	1			
*Antirrhinum snapdragon, oz. 75c	"	2	various	5	Fine plants for decorating purposes for conservatory and flower garden. Amar, tri-color, known as Joseph's coat.
*Antirrhinum, Tom Thum .....	"	1	"	10	The Antirrhinum or Snapdragon, a very useful and showy plant.
Aster Ost. Fea., mixed $\frac{1}{4}$ oz. hha	2		mixed	10	Pretty, sweet-scented free bloomers.
" " rose 40c	"	2	rose	10	
" " white $\frac{1}{4}$ oz.	"	2	white	10	One of the most popular favorites, producing flowers of the most perfect and beautiful form, as well as richness and variety of color. They
" " lavender oz.	"	1½	lavender	10	delight in a rich, light soil and in hot dry weather should be mulched with well rotted manure, and supplied liberally with water.
" Comet, finest mixed 40c	"		mixed	10	
" Chrysanthemum-flowered, finest mixed .....	"	½	"	10	
" Washington, mixed .....	"	2	"	15	
" Warf Bouquet, mixed....	"	¾	"	10	
" Mixed China ..... oz. 75c	"	1½	"	5	
Azalea indica, mixed..... gs	4		"	25	
Baby's Breath (Gypsophila) ....	hp			10	A hardy perennial.
Banion Vine ..... $\frac{1}{4}$ oz. 25c..hha	10		wh. g'rn	5	Charming spring pot plant.
Balsam, mixed double .....			various		Beautiful flowering shrubs.
" Camellia-flowered mixed $\frac{1}{4}$ oz. 25c, 1 oz. 75c...	"	2	"		Rapid growing climber.
" Apple .....	"	10	yellow	5	Balsam or Ladies' Slipper.
" Pear .....	"	10	"		
Begonia, new hybrids .....	gs	2	various	25	Interesting climber, with remarkable fruits.
Calendula Meteor .... $\frac{1}{4}$ oz. 50c	ha	1 1-3	striped	5	
" Pongei fl. pl. ....	"	½	white	10	
Campanula Carpatica $\frac{1}{4}$ oz. 50c	hp	1	blue	5	
" alba .....	"	1	white	5	
* " pyramidalis .....	hhp	4	blue	5	
Canary Bird Flower .....	hha	10	yellow	10	
Candytuft, crimson ..... oz. 50c	ha	1	crimson	5	
" white ..... oz. 50c	"	1	white	5	
" mixed ..... oz. 50c	"	1	various	5	
" rose ..... oz. 50c	"	1	rose	5	
" new carmine..oz. 50c	"	1	carmine	5	
" Tom Thumb..oz. 50c	"	½	white	5	
*Canna gigantea .....	hhp	8	red	10	
* Marshall Valilant .....	"	4-5	orange	10	
* " Fintelmannii .....	"	5	yellow	10	
* " nigrians .....	"	3	red	10	
* " Bihorrelli .....	"	3	scarlet	10	
* " mixed var ..... oz. 50c	"	3-6	various	5	
*Canterbury Bells, blue $\frac{1}{4}$ oz. 50c	hb	3	blue	5	
" white .....	"	3	white	5	
* " " mixed .....	"	3	mixed	5	
Carnation, finest double $\frac{1}{4}$ oz. 75c	hp	2	various	25	Handsome old-fashioned plants for mixed borders.
" mixed for borders....	"		"	10	Ornamental Thistle.
" perpetual or tree .....	"	2	"	50	The Carnation Pink is indispensable for its rich flowers and delicious perfume.
Centaurea Cyanus Corn Flower	"	1	wh. fol.	5	Handsome silver foliage plants for bedding out of the greenhouse.
" Clementei .....	"	1	"	25	Showy annuals, for mixed beds or borders. Double 'olden' and Burridgei are very handsome. Chrys. indicum and pompon are beautiful. Fall flowering Chrysanthemums.
" gymnocarpa $\frac{1}{4}$ oz. 50c	"	1	"	25	
Chrysanthemum, annual mixed..	ha	2	various	5	
" double white ..	"	1	white	5	
" " golden..	"	1	orange	15	
" indicum fl. pl. ..	"	1	various	10	
" Burridgei imp...	hp	3	"	10	
" pompon fl. pl. ..	"	2	"	10	
Cineraria hybridia choicest mix.	gp	1½	"	5	Superb strain; large flowers of beautiful form and color.
" " dwarf mixed.	"	¾	"	25	
" " double new ..	"	1½	"	75	New varieties, large double flowers.
" maritami, Dusty Miller .....	hp	1½	yellow	5	Silvery foliage bedding plant.

* <i>Cobaea scandens</i> ...	1/4 oz. 50c	hhp	20	purple	5	Rapid growing, handsome climber.
<i>Cook's comb</i> , dwarf, crimson ...		hha	1	crimson	10	Exceedingly handsome plants.
" Glasgow Prize ....		hha	1/4	purple	10	The dwarf varieties are excellent for pot culture. The Glasgow and New Empress Coxcombs are new and very fine.
" New Empress ....	"	1	crimson	10		
" New Japan ....	"	3	scarlet	10		
" feathered, mixed	1/4 oz. 50c	"	3	various	10	
<i>Coleus</i> , from newest varieties						One of the most effective plants in carpet bedding.
1/8 oz. \$1.00 .....		tp	2	var. fol.	10	
<i>Collinsia bicolor</i> .....		ha	1	pur. wh.	5	Attractive annuals; if sown in Fall will flower early in Spring.
" mixed varieties .....		"	3	various	5	
<i>Convolvulus major</i> .....	oz. 50c	"	10	"	5	<i>C. Major</i> (Morning Glory) is one of the best known climbers.
Japanese....oz. 50	"	"				Favorite Spring flower.
<i>Cowslip</i> , English.... 1/8 oz. \$1.00		hp	3/4	mixed	10	
<i>Cyclamen Persicum</i> .....		hhp	1/2	mixed	25	Beautiful sweet scented greenhouse plants.
" extra choice .....	"	"	1/2	mixed	50	
" <i>giganteum</i> .....	"	"	1/2	mixed	50	
<i>Cypress Vine</i> scarlet.. 1/4 oz. 25c		ta	10	scarlet	5	
" scar., ivy leaved 1/4 oz. 25c		"			10	
" white .....	1/4 oz. 25c	"	10	white	5	
" mixed..... 1/4 oz. 25c		"	10	div.	5	
* <i>Dahlia</i> , finest double .....		hha	6	various	10	Well-known beautiful climbers.
" Lilliputian varieties .....	"	"	4	"	25	
" single mixed .....		hhp	3	"	10	
<i>Daisy</i> , double .....		hp	3/4	"	10	
<i>Delphinium formosum</i> .....		"	2	blue	5	Very showy trumpet-shaped flowers.
" <i>nudicaule</i> .....		"	1	scarlet	10	
<i>Devil-in-a-bush</i> .....		ha	1 1/2	b. & w.	5	Splendid plants for large borders.
* <i>Dianthus Chenensis</i> , double						
1/4 oz. 25c .....		hp	1	mixed	5	Curious and pretty.
*. " <i>Hedgewigii</i> .....		"	1	"	10	
*. " <i>diadematus</i> , double ...		"	1	"	10	Fine variety of China Pink; should be in every garden.
<i>Dolichos lablab</i> .....	oz. 50c	ta	10	purple	5	
" " <i>alba</i> .....		"	10	white	5	Hyacinth Bean; free growing climber.
<i>Eringium Leavenworth</i> .....		ha	2	purple	10	Beautiful and curious plant.
<i>Eschscholtzia California</i> 1/4 oz. 50c		ha	1	yellow	5	
" <i>Mandarien</i> .....		"	1	crimson	10	Useful, bright looking plants.
<i>Everlasting flowers</i> ... 1/4 oz. 50c		"			5	For Winter bouquets.
<i>Forget-me-not</i> .....	1/4 oz. 50c				10	See <i>Myosotis</i> .
<i>Foxglove</i> ( <i>Digitalis</i> ) .....		hp	3	various	5	Showy mixed varieties.
* <i>Four o'clocks</i> ( <i>Mirabilis</i> ) oz. 50c		hhp	2	"	5	Well-known useful plants.
<i>Fuchsia</i> , finest mixed .....		"	3-6	"	50	Beautiful greenhouse plants.
* <i>Gaillardia</i> , mixed .....	1/4 oz. 50c	"	2	"	5	Beautiful for border or pots.
<i>Geranium zonale</i> , mixed .....		"	1 1/2	"	25	
" Apple scented .....		"	1	pink	25	
" <i>Pelargonium</i> , mixed..		"	1 1/2	various	50	
<i>Gourd</i> , Bottle .....		ta	10	yellow	5	Finest mixed varieties.
" Dipper .....		"	10	"	5	
" mixed .....		"	10	"	5	Mock Orange; excellent rapid growing climbers, with peculiar and handsome fruits.
<i>Helianthus globosus</i> .....		ha	6	orange	10	
<i>Helichrysum Bracteatum</i> , Im-					5	
" <i>mortelle</i> Mixed ..		ha	2			Superb double Sunflower.
<i>Heliotrope</i> , mixed vari. 1/4 oz. 75c		hhp	1	various	10	For winter bouquets.
* <i>Hollyhock</i> , double mixed .....		hb	6		10	Well-known, fragrant plants.
" finest mix. 1/8 oz. 50c		"	6		10	
" pure white .....		"			10	Sow in June or July for flowering the next Summer.
<i>Ice Plant</i> .....		hba	spn.	white	5	Curious and pretty.
<i>Ipomoea coccinea</i> .....		"	10	scarlet	5	
" <i>Bona Nox</i> .....		ta	10	white	10	
" <i>variegata</i> .....		hha	10	marbled	5	Very beautiful free flowering climbing vines for outdoor or greenhouse culture.
" <i>leptophylla</i> .....		hp	5	various	10	
" <i>Quamoclit</i> .....		ta	10	purple	5	
" " <i>alba</i> .....		"	10	scarlet	5	The popular Cypress Vine.
<i>Japanes Morning Glory</i> , 50c oz		ta	15	varieg'd	5	
<i>Larkspur Dwarf Rocket</i> oz. 50c		ha	1	"	5	
" <i>Branching</i> .....		"	2	"	10	Fine free flowering plants of various beautiful colors.
" <i>Emperor</i> .....		"				

Lobelia mixed varieties	1/4 oz.	75c	hha	1/2		10	A charming class of dwarf growing plants for ribbon borders, hanging baskets, rockwork, etc.
Love-Lies Bleeding		ha	3	crimson	5		Showy border annual.
Love-in-a-Mist		"	1	blue	5		Curious and pretty.
Marigold African	1/4 oz.	50c	"	1	mixed	10	Fine class of plants for mixed beds or borders.
" French Dwarf	1/4 oz.	50c	"	2	mixed	10	
*Marvel of Peru	oz.	50c	hha	2	mixed	5	Four O'clock.
Mignonette, large flowered		ha	1	bluff	5		The New Giant Pyramidal is
" pyramidal	"	"	1	"	5		a variety of recent introduc-
" New Giant pr'y'al	oz.	75c	"	1 1/2	"	5	tion, producing splendid
							spikes of deliciously fra-
Mexican Fire Bush (Kochia)						10	grant bloom.
Moon Vine		"	20	white	5		The vines are covered with
*Mimulus hybridus		hhp	1	various	10		immense white flowers, 6
* " moschatus (Musk Plant)		"	1/2	yellow	10		inches or more across.
Myosotis palustris	1/4 oz.	50c	hp	1	blue	10	
" alba		"	1	white	10		
" dissitiflora		"	1/2	dk. blue	15		
" alpestric		"	spr.	blue	10		
Nasturtium King of Tom Thumbs	oz. 25c	ha	1	scarlet	5		
" Tom Thumb, yellow		"	1	yellow	5		
" Crystal Palace Gen...		"	1	sul. spt.	5		
" King Theodore		"	1	black	5		
" Ruby King		"	1	carmine	5		
" Dwarf mixed oz. 15c		"	1	various	5		
" Tall, mixed .. oz. 15c		"	6	"	5		
*Pansy, mixed colors	1/4 oz.	75c	hp	1/2	"	10	Plant of great beauty, bloom-
* " finest mixed	1/4 oz.	\$1.75	"	1/2	"	25	ing profusely in poor soil.
* " Bugnot	1/4 oz.	\$1.50	"	1/2	"	25	The tall varieties are excel-
Passiflora coerulea		hp	10	"		10	lent climbers for covering
*Petunia, fine mixed	1/4 oz.	40c	hhp	2	"	5	old walls, trellises, etc.
Phlox Drummondii, alba		hha	1	white	10		
" coccinea		"	1	scarlet	10		
" atropurpurea		"	1	d. purple	10		
" Black Warrior		"	1	d. red	10		
" Leopoldi		"	1	d. red	10		
" grandiflora spl.		"	1	w. er.	10		
" mix. 1/4 oz. 50c		"	sc. & w.		10		
*Pink Chinese, double	oz. 75	hb	1 1/2	various	5		The P. Drummondii is one of
Polyanthus, choice		hp		"	25		our very best annuals,
Poppy, finest mix. d'ble	1/4 oz. 20c	ha	1	"	5		noted for richness in color,
" Shirley	1/4 oz. 35c	"	1 1/2	tinted	5		profuseness of blossom, and
Portulaca, Bedmanii		hha	1/2	white	10		length of duration in bloom.
" Pheasantii		"	1/2	salmon	5		No garden should be with-
" golden striped		"	1/2	striped	5		out a bed of it.
" splendent		"	1/2	purple	5		Lovely Spring Flower.
" alba		"	1/2	white	5		
" Thellusoni		"	1/2	scarlet	5		
" Thorburnii		"	1/2	yellow	5		
" mixed, single	1/4 oz. 75c	"	1/2	various	5		
" double finest	1/4 oz. \$1.00	"	1/2	"	10		
Primula Sinensis, fringed, red		gn	1/2	red	50		
" white		"	1/2	white	50		
" striped		"	1/2	striped	50		
" mixed		"	1/2	various	50		
" double white		"	1/2	white	75		
" red		"	1/2	red	75		
" mixed		"	1/2	mixed	75		

<b>Rocket</b>	Sweet, white .....	ha	2	white	5	} Free flowering fragrant perennials.
"	purple .....	"	2	purple	5	
"	mixed ..... $\frac{1}{4}$ oz. 50c	"	2	mixed	5	
<b>Ricinus</b>	Borboniensis arboreus ..	hha	15	violet	5	
"	Duchess of Edinburgh ..	"	8	"	5	
"	Gissoni .....	"	5	red. fol.	5	} Stately plants, with large, handsome foliage; fine in groups or as single specimens.
"	sanguineus .....	"	8	"	5	
"	mixed varieties.. oz. 50c	"		various	5	
<b>Salvia</b>	splendens ..... $\frac{1}{4}$ oz. \$1.00	hhp	3	scarlet	10	
"	alba .....	"	3	white	25	
"	patens .....	"	3	blue	25	} Very showy.
* <b>Scabiosa</b> , dwarf double .....	hb	1 $\frac{1}{2}$	various	5		
* " candidissima .....	"	2	white	5		
<b>Sensitive Plant</b> .....	ta	1	pink	5	} Splendid free flowering ornamental plants.	
<b>Silene pendula compacta</b> .....	ah	$\frac{1}{2}$	"	5		
<b>Smilax</b> (Mprisiphyllum) .....	gp	6	white	10		
<b>Snapdragon</b> (Antirrhinum) ....						
<b>Sweet William</b> , aricula flowered						
" " $\frac{1}{4}$ oz. 50c ....	hp				} Very beautiful hardy perennials.	
" " double mixed...	"	1	"	5		
<b>Stock</b> , German, Ten Weeks, mixed						
" " $\frac{1}{4}$ oz. 50c ....	nha		various	10		
" " large, flowering.	"	1	"	10		
" " dwarf pyramid ..	"	1	"	15	} These much admired fragrant flowers are everywhere popular, their handsome spikes of double flowers lasting a long time in bloom. Desirable for pot culture or bedding. Seed may be sown at any time. For outdoor culture transplant when small; plant in rich soil, with mixture of lime and rubbish	
" " pure white .....	"	1	white	15		
" " blood red .....	"	1	d. red	15		
" " canary yellow ..	"	1	yellow	15		
" " Wallflow. leaved	"	2	various	10		
" Intermediate, white .....	hnb	2	white	10		
" " crimson ....	"	2	crimson	10		
" Brompton, or winter ....	"	2	mixed	10		
" Emperor, or Perpetual ...	hhp	2	"	10		
<b>Sweet Pea</b> , Navy Blue .. 40c oz.	ha	5	pure blue	5		
" Duke of Westminster						
" " 50c oz.	"	5	pink	5		
" Lady G. Hamilton						
" " 50c oz.	"	5	scarlet	5	} A beautiful and highly popular class of hardy annual climbers, deliciously fragrant.	
" Blanche Ferry 30c oz.	"	5	p. pink	5		
" Blanche Burpee 50c oz.	"	5	lg. white	5		
" King Ed. Red, 50c oz.	"	5	monœ	5		
" Countess Spencer 50c oz.	"	5	hel'trope	5		
" Mrs. Eckford.. 10c oz.	"	5	yellow	5		
" Finest Mixed, Spencer						
" 25c oz.	"	5	various	5		
* <b>Verhena</b> mamoth mix. oz. \$2.00	hhp	spr.	various	10	} The Verbena is deservedly the universal favorite. The seed of the finest mixed is from the finest flowers in cultivation.	
* " finest mixed oz. \$5.00	"		"	15		
* " scarlet .....	"	"	scarlet	10		
* " white .....	"	"	white	10		
* <b>Vinca</b> alba .....	tp	2	"	10	} Fine as pot plant in Winter, or for the border in Summer.	
* " rosea .....	"	2	rose	10		
* " alba oculata .....	"	2	d. eye	10		
* <b>Violet</b> , sweet-scented .....	hp	$\frac{1}{2}$	blue	10	} Delightfully fragrant.	
* " The Czar .....	"	$\frac{1}{2}$	"	15		
<b>Wallflower</b> , singie .....	hhp	2	mixed	5	} An old-fashioned fragrant flower.	
" double .....	"	2	"	10		
<b>Wool-Flower</b> <i>Celosia Childsii</i> .....				10		
<b>Wild Cucumber</b> .....	ha	20	white	5	} A fast-growing ornamental vine.	
<b>Wild Flower Garden</b> .....				5		
<b>Zinnia elegans</b> , double .. oz. 75c	hha	5	mixed	5	} Mixture of fine annuals and perennials.	
" Haageana fl. pl. ....	"	10	orange	10		
					Brilliant flowers of many shades of color.	

## HIGH GRADE FERTILIZERS

### MUZZY BROS.' POTATO MANURE

The great satisfaction this Fertilizer has given our customers, being so universal, enables us to recommend it as the Leading Artificial Manure in the Market.

#### GUARANTEED ANALYSIS

Ammonia .....	4 per cent.	
Available Phos. Acid .....	8 per cent.	Ton (12 bags) \$55.00; per bag, (167 lbs.), \$5.50
Potash .....	7 per cent.	

## BLACK HAWK MANURE

High grade general Fertilizer for all Crops.

#### GUARANTEED ANALYSIS

Ammonia .....	4 per cent.	
Available Phos. Acid.....	8 per cent.	Ton (12 bags), \$50.00; per bag, (167 lbs.), \$5.00
Potash .....	4 per cent.	

## MUZZY BROS.' SPECIAL FERTILIZER

We recommend this fertilizer for a general line of crops, and consequently the trucker and market gardener is interested in buying that fertilizer which for the least cash outlay, will bring him the best returns; as it is no longer a question, but an actual fact, that from first class material, like our special Fertilizer, the purchaser will get the best results.

Equal to Ammonia.....	2 per cent.	
Available Phos. Acid .....	8 per cent.	Ton (12 bags), \$38.00; per bag (167 lbs.), \$4.00
Potash .....	10 per cent.	

## FINE GROUND BONE

AN EFFICIENT AND PERMANENT DRESSING FOR LAWNS; ODORLESS  
GUARANTEED ANALYSIS

3 per cent. Ammonia.	50 per cent Bone Phosphate of Lime	
5-pound bag for space 20x25 feet.		.40
10-pound bag for space 20x50 feet.		.75
25-pound bag for space 25x100 feet.		1.25
50-pound bag for space 50x100 feet.		2.25
100-pound bag for space $\frac{1}{4}$ acre.....		4.00
1 ton .....		60.00

## PURE PULVERIZED SHEEP MANURE

A pure, natural and nutritious manure. Immediate and lasting in effect. Excellent for mixing with soil of the greenhouse plants. In the vegetable garden it promotes a rapid, steady growth until maturity. It makes a rich Liquid Manure.

Quantity Required. For garden and field crops. 1 to 2 tons per acre—half before plowing, the balance before harrowing. For top dressing grass; use 1 ton per acre in fall or early spring	
25 lbs. .....	1.25
50 lbs. .....	2.00
100 lbs. .....	3.00
Per ton of 2,000 lbs. .....	\$48.00
1 lb. .....	.10
5 lbs. .....	.40
10 lbs. .....	.75

## WORM EXTERMINATOR FOR GOLF PUTTING GREENS AND LAWNS.

1 Ton .....	\$115.00	100-lb. Bags .....	\$7.00
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## HIGH GRADE FERTILIZERS—Continued.

## HYPER HUMUS

Decayed vegetable matter for lawn, Rhododendron, bulbs, flowers, etc. Good top dressing for the spring.

Price, per ton.....\$25.00 Per 100 lb. Bag .....\$2.00

## Springfield Rose Food

**A**N organic fertilizer, containing the vital elements of plant life in scientifically correct proportions to make it an ideal food for roses. Will keep your bushes in splendid condition and produce an abundant crop of perfect blooms.

Enthusiastically acclaimed by leading commercial growers and by members of the American Rose Society in all sections of the country.

10 lbs. - - - - -	\$1.00
25 lbs. - - - - -	2.00
100 lbs. - - - - -	5.00

## NITRATE OF SODA

A fertilizer for all crops. It is very quick in action, and hastens maturity of crops fully two weeks. Being extremely soluble, it should not be applied until the crops are above the ground when 100 pounds per acre should be sown mixed with wood ashes. Does not exhaust the land.

1 lb. bag .....	\$0.15	25 lb. bag .....	\$2.00
5 lb. bag .....	.60	50 lb. bag .....	3.50
10 lb. bag .....	1.00	100 lb. bag .....	5.00
167 lb. bag, \$8.00.			1 Ton, \$85.00.

## ACID PROSPHATE

## 14 to 16 per cent. Available Phosphoric Acid.

This is one of our Fertilizers which is used in the largest quantity in most of our mixtures as a base.

Per ton .....\$28.00 Per 200 lbs. ....\$3.50

## Pulverized Limestone

These are high calcium limes and are adapted for use on all soils that require sweetening.

Most lawns and gardens require an application of lime in some form.

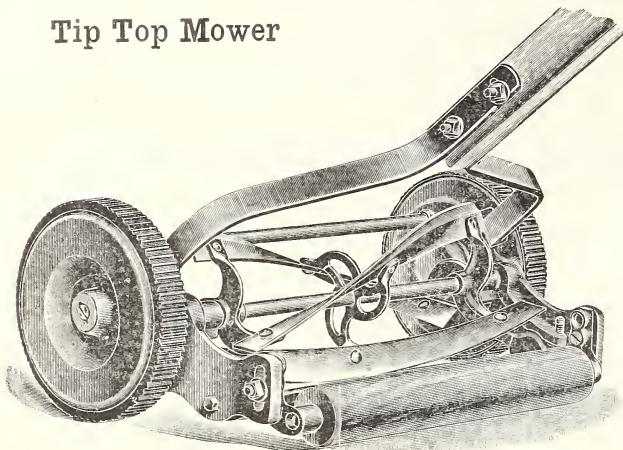
The Ground Limestone is recommended for top dressing lawns and for all farm crops.

Leguminous crops such as Alfalfa, Clover, Peas and Beans in particular require applications of lime.

Ground Limestone packed in 100 lb. sacks, price \$1.25; \$15.00 per ton.

# LAWN MOWERS

## Tip Top Mower



## TIP TOP MOWER

### Our Leader

Best Mower for the Price

12-inch .....	\$6.48
14-inch .....	6.98
16-inch .....	7.48
18-inch .....	7.98

## NEW ENGLAND MOWER

### Ball Bearing

A High Grade Mower  
Sold at a Low Price

12-inch .....	\$7.98
14-inch .....	\$8.48
16-inch .....	8.98
18-inch .....	9.48

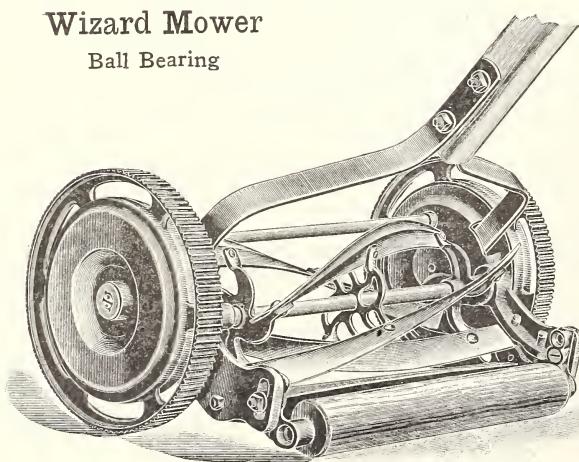
## New England Mower

### Ball Bearing



## Wizard Mower

### Ball Bearing



## WIZARD MOWER

### Ball Bearing

Strictly High Grade

12-inch .....	\$ 9.50
14-inch .....	\$10.00
16-inch .....	10.50
18-inch .....	11.00

# The Philadelphia Line

## New Mower

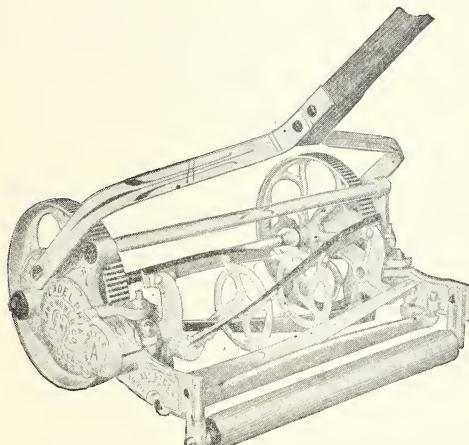
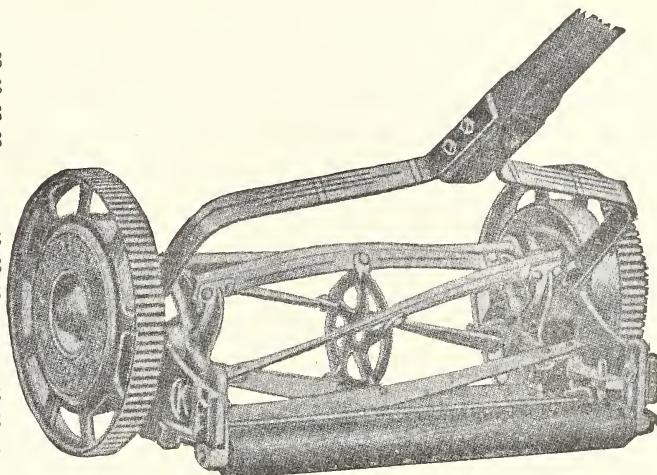
12 inch .....	\$8.98
14 inch .....	9.48
16 inch .....	9.98
18 .....	10.48

## University High Wheel

14 inch .....	\$13.48
16 inch .....	13.98
18 inch .....	14.48

## Dewey Mower

14 inch .....	\$11.48
16 inch .....	11.98
18 inch .....	12.48



## Style K.

5 blades, 10 inch wheels. Best Mower made	
16 inch .....	\$22.00
18 inch .....	24.00
20 inch .....	26.00

## Style A.

All steel 4 Inch Blades  
10 inch wheel  
Prices:

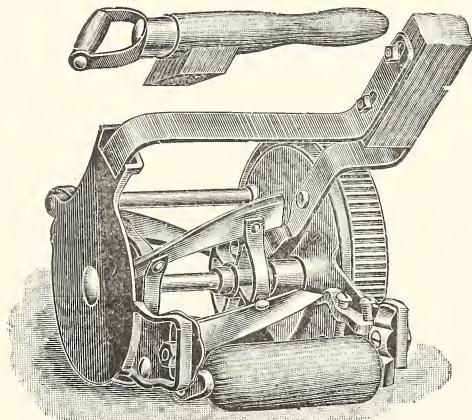
15 inch .....	\$22.00
17 inch .....	25.00
19 inch .....	28.00
21 inch .....	34.00

## LAWN TRIMMER

For trimming around walks, flower beds, trees, posts, monuments and shrubbery, and all places that cannot be reached with any lawn Mower.

Cuts within  $\frac{1}{4}$  of an inch of the edge.

Price \$11.98

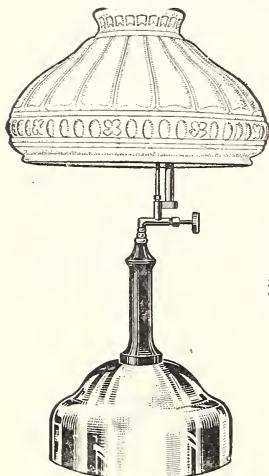


# American Ready - Lite Lamp and Lanterns

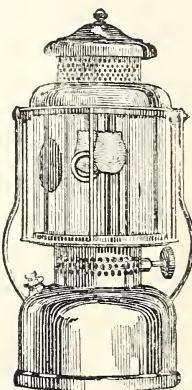
Light With Matches—No Alcohol Torch Necessary

“The Sunshine of the Night”

Ready-Lite With Special Design      Ready-Lite Lantern With Mica  
OPAL SHADE      Chimney and Reflector



Gives a brilliant white light of 300 candle power, softed and diffused by the opal shade, making it restful and pleasing to the eyes. The best lamp to read, study or work by and an ornament in any room. Height 20 inches, diameter of fount 8½ inches; capacity 3 pints; burns 18 to 20 hours on one filling. Packed in corrugated box with pump, wrench, tip cleaner, mantles and one extra generator. Each ..... \$8.50



The New Ready-Lite marks a great improvement in gasoline lanterns, especially in the construction of the generator. This new match-lighting generator has no coils to obstruct and hold impurities in the gasoline and will give unusually long service. It is very inexpensive and may be replaced quickly without breaking the mantle. The New Ready-Lite is more substantially built, better finished than similar lanterns. Price ..... \$7.50

## READY-LITE ADVANTAGES

**BRILLIANT**—400 Candle Power, strong .. pure, white light. Brighter than 20 old style lamps or lanterns.

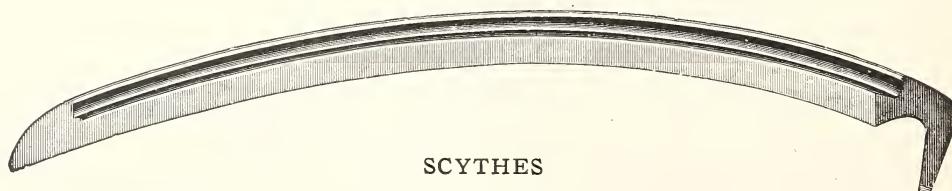
**SAFE**—Can't spill fuel or explode even if tipped over. Can't be filled while lighted.

**CLEAN**—No greasy wick to trim. No dirty chimney to wash. No smoke. No soot. No odor.

**ECONOMICAL**—Cost to use less than half a cent per hour.

**CONVENIENT**—Make and burn their own gas—light with matches. Lamp holds 3 pints—burns 18 hours on one filling. Lantern holds quart—good for 12 hours per filling.

**DURABLE**—Made of brass, heavily nickel plated, and highly polished.



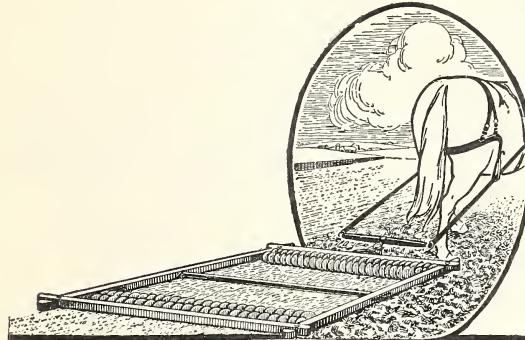
SCYTHES

Blood's Ribbed Back. Nothing better.....	\$1.75
Blood's Plain Back, Polished.....	1.75
English Lawn. An elegant tool for fine work.....	2.75
Bush Scythes. For rough work.....	2.00
Snaths. Patent, Plain and Bush, Scythe Stones and Rifles in variety.	
Floral Sets, consisting of Hoe, Spade and Rake.....	25c 39c 75c 1.00 1.50 2.50
Trowels .....	10c 15c 25c 40c
Strawberry or Pruning Forks.....	10c 15c 25c 35c
Fruit Pickers. Do not bruise fruit.....	50c
Excelsior Weeder.....	12c
Grafting Wax.....	¼ lb., 15c; ½ lb., 25c; 1 lb., 40c

# The Meeker Smoothing Harrow

## “Helps Good Seeds Grow”

### Prepares Any Soil for Planting

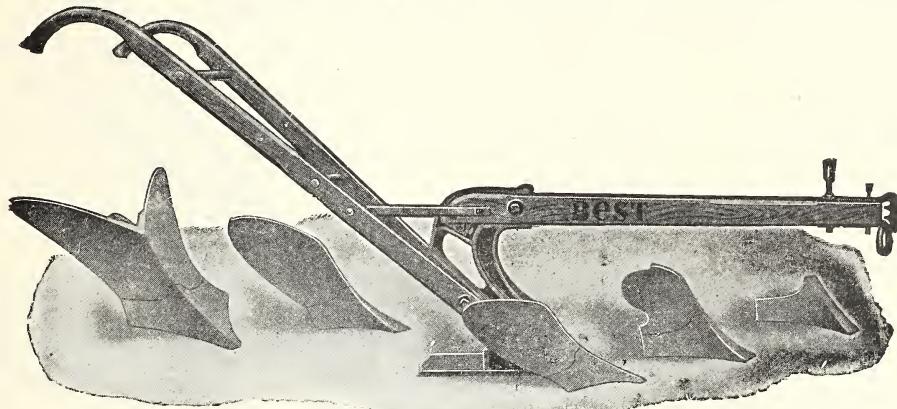


THE MEEKER HARROW is a perfect pulverizing and smoothing harrow and land roller combined.

As the illustration shows, it has four sets of rollers, equipped with 46, 58 or 82 discs, depending upon the size. These discs are set in alternating rows so that the entire surface is thoroughly worked. They grind up all lumps, leaving the soil fine and smooth. Even in damp soil, the alternating arrangement of the discs prevents clogging.

The board in the center serves as a leveler. It is set at an angle and can be adjusted up and down. It smoothes down ridges and fills up the hollows.

Price 6 ft., 8 in. x 6 ft., with 8 discs, \$38.00  
Price 4 ft., 6 in. x 4 ft., with 8 discs, 35.00



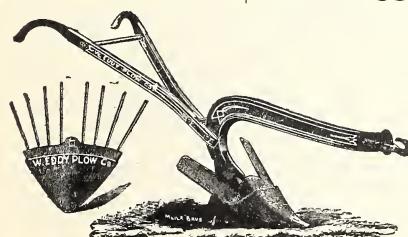
### THE BOSS PLOW

This is the best one horse convertible Plow ever sold for the use of market gardeners and farmers generally. By changing the Moldboards and Shares that come with the Plow, the purchaser actually has four plows in one. Price complete ..... \$12.48

No. 1½ Moldboard and Share makes a large one horse Plow.

No. 2½ Moldboard and Share making a medium sized one horse Plow, a cabbage Moldboard and Share making a complete Cabbage Plow, and by using the Plow without the moldboard with the small Share bolted to the standard, makes a superior Plow for working among cabbage, strawberries, etc.

### Mitchell Potato Digger and Shovel Plow Combined, \$14.00



Price with wings only ..... \$9.98  
Potato Digger ..... \$4.50

This implement should be in the hands of every practical farmer, doing its work easily and in the most perfect manner. By the changing of one bolt it may be converted into a Shovel Plow or Potato Digger. The fingers are adjustable, being held in position by the plow point. Thus in case of breakage, a new part may be inserted without the expense of a whole new head. The fingers, points and wings are of steel, rendering it light, strong and durable.

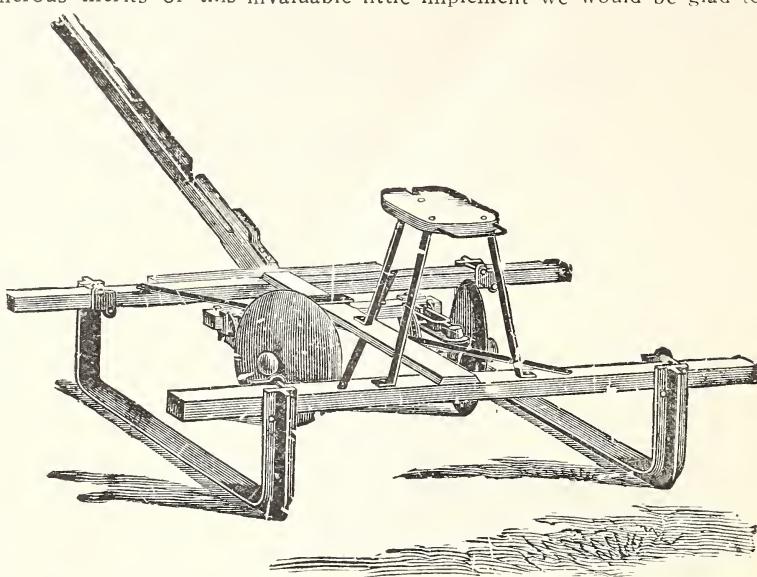
## Darnell's Patent Furrower and Marker

In presenting the numerous merits of this invaluable little implement we would be glad to draw a comparison with another of its kind, but we have seen or heard of nothing but the ordinary scratch sleds which made a mere mark as a guide for the plow which follows, thus increasing the work instead of lessening it.

We have a genial ever-borrowing neighbor, however, with whom we might compare notes, and we will just bring him forward with his plow which he is inclined to think good enough yet. We think you will not fail to notice the difference.

We ride while he walks. We bring into requisition the services of our boy, if busy ourselves, while nothing short of a man, and a good one, too, can handle the plow.

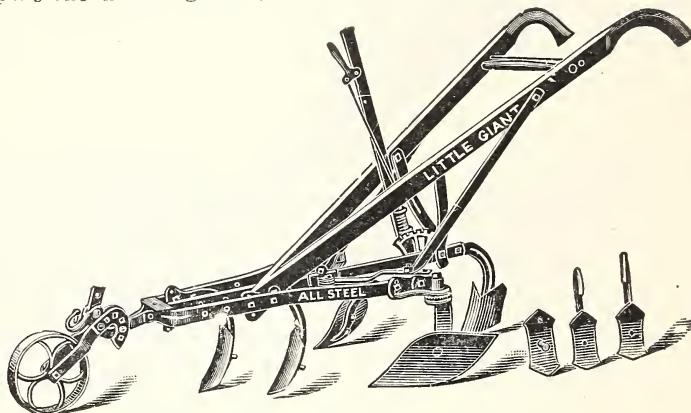
We open two furrows while he opens one in clean ground, and do it better. 5 ft. 6 in. Price \$30.00.



### Horse Hoe and Cultivator Combined

With Expanding Lever

Price Complete \$11.98



## AQUAROID ROOFING

Quality Certified

Quality Guaranteed

### GUARANTEED

1 Ply 5 Years

2 Ply 10 Years

3 Ply 15 Years

We are authorized by the Manufacturers to furnish the manufacturer's written guarantee for the period above mentioned.

This roofing is made of the best long fibre wool felt, saturated and coated with pure refined asphaltum and is not affected by acid gases or climatic changes. It is suitable for flat or steep roofs. Put up in rolls containing 100 square feet, sufficient to cover one square allowing 2 inches for lap. Nails, tin caps, cement and directions for laying on, packed in each roll. It is made in these weights:

1 Ply, 35 lbs. ....	\$2.50 per roll
2 Ply, 45 lbs. ....	3.00 per roll
3 Ply, 50 lbs. ....	3.50 per roll

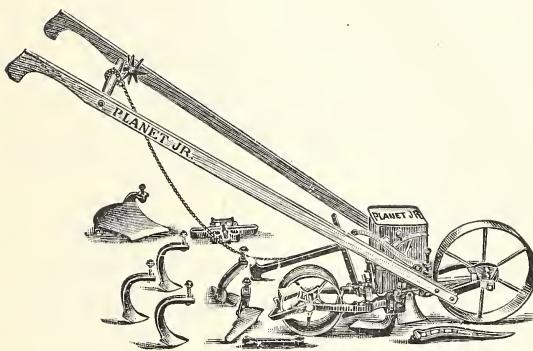
### GUARD ROOFING PAPER

This paper is manufactured by a reliable manufacturer, is watertight, durable, strong, impervious to air and is not affected by heat or cold.

1 Ply .....	\$1.60 per roll
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# Planet Jr. Garden Tools

The New "PLANET JR." Catalogue is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.



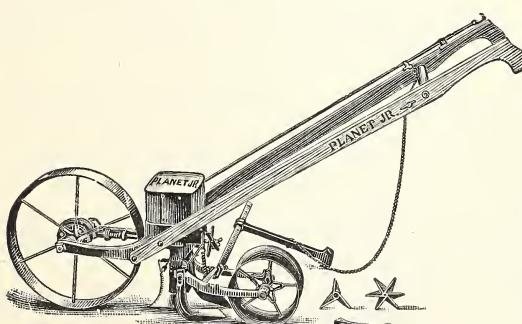
**NO. 25 PLANET JR. COMBINED HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW.**

Price \$21.00

Weight packed, 61 lbs. Holds 2½ qts. of Seed

This combination is intended for gardeners who have a large enough acreage in crops for a double wheel hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately; and for the family garden where a double wheel hoe is preferred.

As a seeder it is practically the same as the Planet Jr. No. 4, and as a wheel hoe has the same steel frames and cultivating attachments as the Planet Jr. No. 12 Double Wheel Hoe.

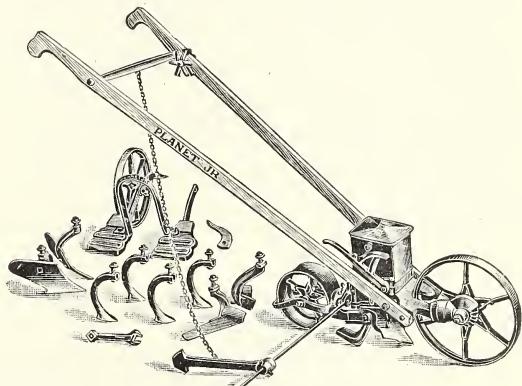


Holds 3 qts. of Seed. Weight packed, 43 lbs.  
Price \$17.00

**NO. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER, WHEEL HOE CULTIVATOR AND PLOW.**

Price, Complete, \$17.50. Weight, 50 lbs.  
As a Seeder Only, \$13.75. Holds 2½ qts. seed

This accurate, durable and easy-running tool sows all garden seeds from the smallest up to peas and beans in hills, 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth; rolling down and marking out the next row all at one passage. No time is lost. No seed is wasted. By removing the seeder parts and substituting the tool frame, you have a first-class single wheel hoe with a set of specially hardened steel tools, the best made for hoeing, plowing, cultivating, opening furrows, hilling, etc.



**NO. 3 PLANET JR. HILL AND DRILL SEEDER.**

A favorite among onion growers, market gardeners and seedsmen.

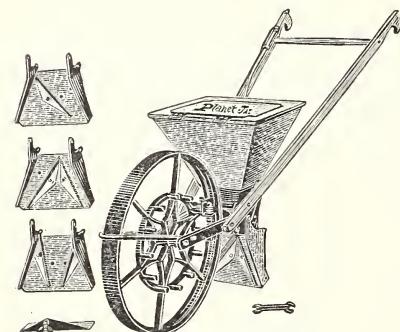
The 15-inch driving wheel is steel, with heavy forged spokes, making the tool light and easy running.

The opening plow is V-shaped, adjustable for depth, leaving the seed in a very narrow line, making close cultivation easy. The index is in plain view at top of handles and graduated for hills or drills.

The flow of seed is instantly started or stopped by the cut-off rod. No seed wasted at end of rows. Sows in large or small quantities in drills or in hills, 4, 6, 8, 12, 24 inches apart. Force feed.

# Planet Jr. Garden Tools

These Wheel Hoes are the highest type of their class. They have a great variety of attachments which adapt them to a large variety of work, and there is scarcely any garden cultivation they will not do.



Price \$26.50

tached to any Planet Jr. wheel hoe or garden plow, except the Fire Fly Plow. Sows a five-cent packet of seed as economically as a full hopper, at the proper depth and thickness; and produces a uniform stand.

## NO. 12 COMBINED DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW

Straddles crops till 20 inches high, then can be worked between rows with 1 or 2 wheels.

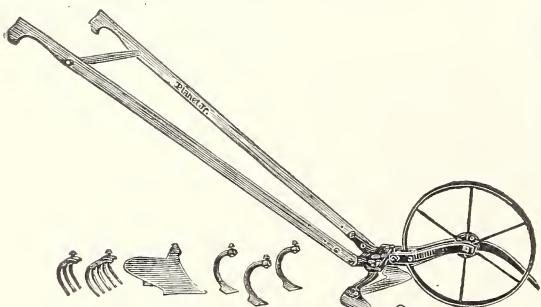
The hoes are wonderful weed killers and leave the ground almost level. The cultivator teeth are of improved design and admirable for deep work. The plows are invaluable for opening furrows for manure, etc.; for covering and for plowing to or from the crop.

Price \$10.25

## NO. 13 DOUBLE AND SINGLE WHEEL HOE.

Price \$7.50. Weight 28 lbs.

This tool is the No. 12, with 6-inch hoes only, these being the tools that are most used.



No. 16. Price \$8.50. Weight 26 lbs.  
Steel Frame, 15-inch Steel Wheel.

## NO. 20-D PLANET JR. FERTILIZER DRILL

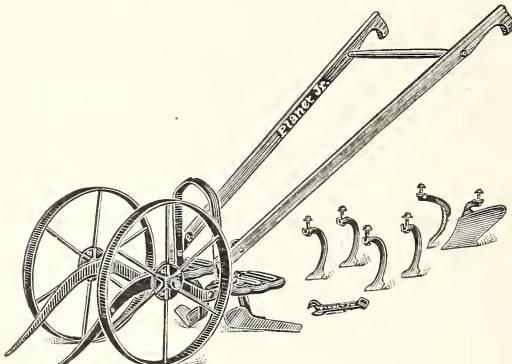
Give your crops the fertilizer when they need it most. Instead of sowing all the fertilizer at the time the seed are planted, sow only a portion; when the crop is up side—dress with a good quick acting fertilizer—using the Planet Jr. No. 20-D Fertilizer Drill to distribute it just where it will do the most good. The new spout arrangement permits distribution to right and left at one time, all down the center, or to the right or left—as you desire. Gives you quicker crops, and more tender, so that they sell at better prices.

## PLANET JR. NO. 35 SEEDER ATTACHMENT

Made to fill an insistent demand for a small seeder attachment to be used with wheel hoes. Can be at-



Price \$6.00



No. 12. 14-inch steel wheels. Steel frame.  
Price \$10.25. Weight, 33 lbs.

## NO. 16 PLANET JR. SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW \$8.50

Nos. 16, 17 and 18 have the same steel wheel, frames and handles, but the attachments sold with each vary.

The handles are adjustable in height. The frame is steel, convenient and strong with quick change device by which to exchange the tools without removing the nuts.

## NO. 17 PLANET JR. SINGLE WHEEL HOE.

Price \$7.25. Weight, 24 lbs.

The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work

## NO. 18 SINGLE WHEEL HOE.

Price \$5.25. Weight, 19 lbs.

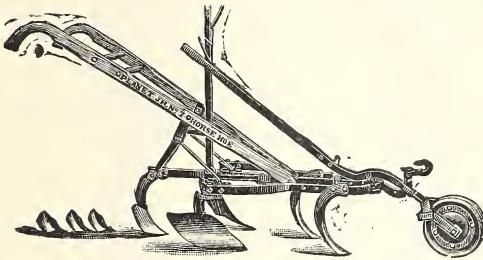
This has one pair of 6-inch hoes only—the tools that are most constantly useful throughout the season.



# Planet Jr. Tools



No other cultivating machine is so widely known as the Planet Jr. Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle.

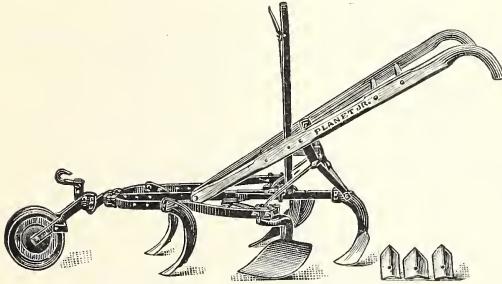


Price \$16.50. Packed weight, 77 lbs.

## NO. 7 PLANET JR. COMBINED HORSE HOE AND CULTIVATOR.

Steel Wheel.

Opens and closes furrows, hoes right up to the plants without danger of injury, throws dirt to or from the row and throws back from centre again. Adjusts for any width. The teeth, made of beveled steel, specially hardened, retain their cutting shape and outwear anything made. The steel wheel won't clog. The handles adjust up, down or sidewise.



Price with Steel Wheel, \$15.00

## NO. 9 PLANET JR. COMBINED HORSE HOE AND CULTIVATOR.

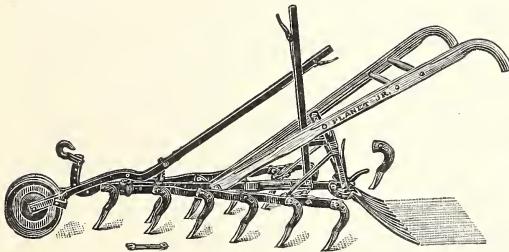
Weight packed, 70 lbs.

This Horse Hoe is identical with No. 7, except that it has a plain wheel instead of lever wheel. It has the high frame, patented hollow steel standards, steel wheel, patent lever expander, and hollow steel wheel arms.

This tool has become popular because of its strength and lightness, easy change of width, and while not so handy as a tool with a lever wheel, it is a favorite.

The New Steel Wheel, having no spokes, will not clog with corn stalks, stones or other trash, and little or no sand or dirt can be carried up on the inside of the rim to drop on the bearings.

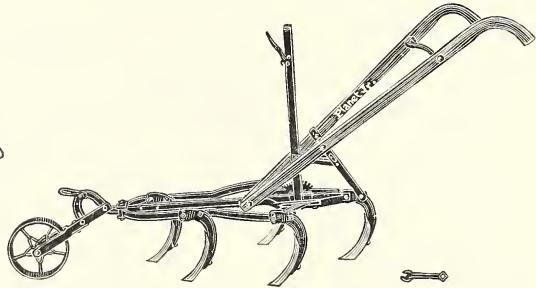
## PLANET JR. TWELVE-TOOTH HARROW, CULTIVATOR AND PULVERIZER.



No. 90, Complete, with Steel Wheels, \$17.50  
Weight packed, 74 lbs.

No. 90-B, Without Pulverizer, \$14.25  
No. 90-D, Without Pulverizer Wheel, \$11.25  
No. 91, with Steel Wheel, \$13.25.

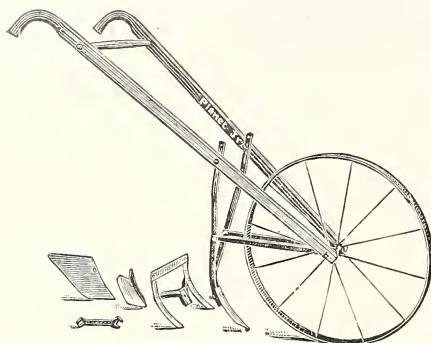
Gardeners cultivate better than formerly and find it pays. The chisel-shaped teeth on this tool go as deep or shallow as you like, close to row, without injuring plants, cut out all weeds, stir the soil and mellow and fine it as with a garden rake. Any width from 12 to 32 inches. A special favorite with strawberry and tobacco growers, market gardeners, truckers and small fruit growers.



Planet Jr. No. 101  
Price \$11.25. Weight packed, 58 lbs.

This tool is somewhat lighter than our other cultivators and is offered with the object of filling a definite need where lands are light or where farming is done on a modest scale. Its weight adapts it particularly to use in light land, but it is strong enough for use everywhere, and is so simple in construction and has so few parts, it can't get out of order. The cultivator teeth are made of high carbon, beveled steel, and will retain their shape. 7 in. turning shovels are of special design, of elegant proportion and useful in connection with the shovel steel in throwing furrows, and afterwards covering them, and for plowing and hillng much or little as desired. Furnished as an extra, \$1.00 pair.

## NO. 119 PLANET JR. GARDEN PLOW AND CULTIVATOR



The No. 119 high wheel cultivator is a favorite with those who prefer the high wheel tool. The design and variety of cultivating attachments is such that with it you can do all the necessary garden plowing, opening of furrows for seed and fertilizer, etc. and closing of furrows; hilling up plants, and the general cultivation in the garden. Runs very easily where the ground is rough or not so well prepared as it might be. Handle adjustment for height. A tool that is 100% better than the old hand hoe, and costs very little.

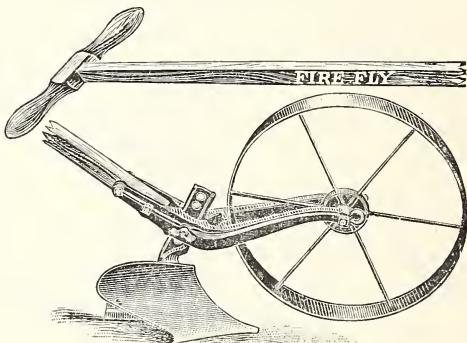
Equipment: One garden plow; one 4-inch cultivator tooth; 1  $\frac{1}{4}$ -inch cultivator tooth; one combined scuffle blade and three-tooth cultivating attachment.

Price \$4.75

## FIRE FLY GARDEN PLOW

A very useful garden tool at a very moderate price. With it you can open a furrow three or four inches wide, two or three inches deep, and deeper by running the furrow the second time. After planting potatoes, and the larger seed, the furrow can be closed with this tool. Will do all the necessary garden plowing. Used as a cultivator—by throwing the soil away from the row, letting it stand until the weeds have been killed, and then throwing the soil back to the row—you get very effective cultivation.

Price \$4.00



## PLANET JR. JUVENILE GARDEN CULTIVATOR

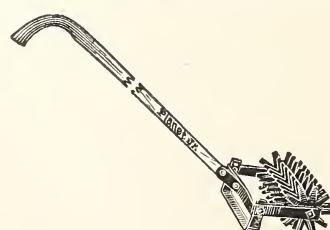
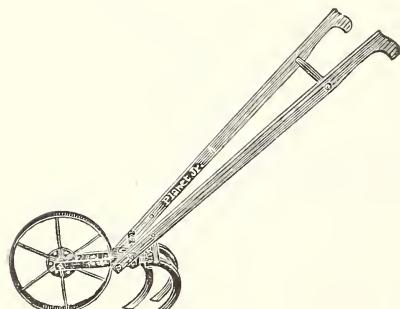
When Spring comes the boys and girls want to get out in the garden and help their parents. But as a rule, there are no tools for them to work with. But now the youngsters six to sixteen years of age can have their own garden tool—the Planet Jr. Juvenile Garden Cultivator. And they will be mighty proud to claim it as their own and use it. Made after the pattern of the regular Planet Jr. Single Wheel Hoe—but just the right size for boys and girls. Equipped with three steel cultivator teeth which do very fine work. 4  $\frac{1}{2}$ -inch hoes, a plow, and other attachments can be added when wanted.

Price \$4.50

## PLANET JR. STAR PULVERIZER, WEEDEER AND CULTIVATOR

A very useful tool in the small vegetable or flower garden. Indispensable in the proper preparation of the seed bed. The small disc wheels break up the soil and the oscillating blade, which works backward and forward, pulverizes the soil, at the same time cutting off the weeds directly beneath the surface. Very useful where plants are close together, as the width of the tool is only eight inches and is very easily handled. After a rain you may cultivate with it without leaving the ground in a lumpy condition.

Price \$3.25





Six Tine Manure Fork,  
Strapped, \$1.75.



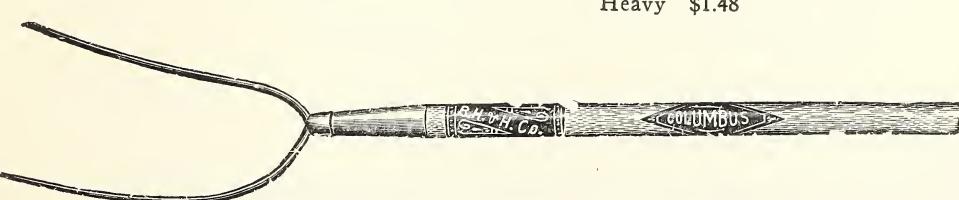
Five Tine Manure Fork,  
Strapped, \$1.48.



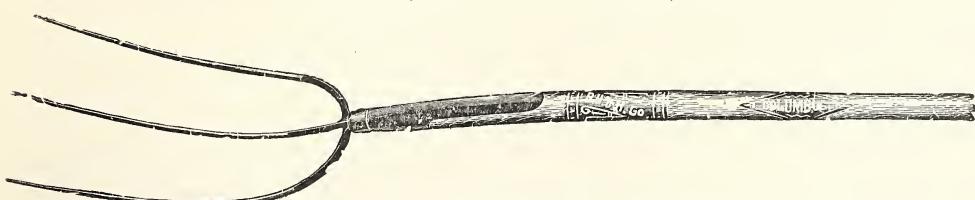
Four Tine Spading Fork,  
Strapped, 98c  
Heavy \$1.48



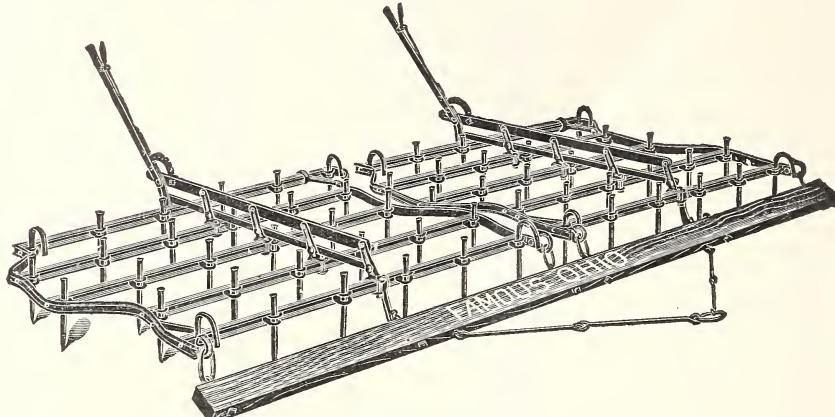
Five Tine Spading Fork,  
Strapped, \$2.25



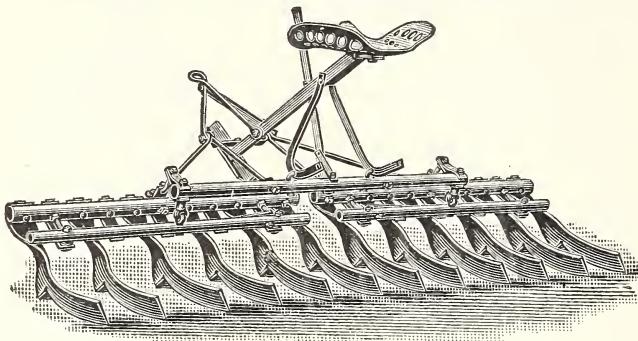
Two Tine Hay Fork, 4 1-2 ft. Handle, 48c.



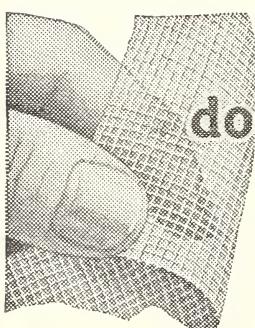
Three Tine Hay Fork, 5 ft. handle, Strapped, \$1.10. 5 1-2 ft. handle, Strapped, \$1.25.

**OHIO SPIKE TOOTH HARROW - 60 Teeth**

The U-bars, channels, oscillating bars and teeth, are made of high carbon steel, precluding all possibility of bending. The channels, being placed at the ends of the U-bars, prevent them from catching on obstructions as is frequently the case with the open end harrow. Strong and well made but carrying no superfluous weight. Corner braces, oscillating castings and lever castings of malleable iron. Made in one 30 tooth section, and with  $\frac{5}{8}$  teeth, \$13.98, or in Two 30 tooth sections with  $\frac{5}{8}$  teeth, \$26.00.

**ACME PULVERIZING HARROW**

G 1 Horse, Cuts 3 ft. ....	\$15.00
H 1 Horse, Cuts 4 ft., 4 in. ....	22.00
23 2 Horse, Cuts 6 ft., 6 in. ....	28.00



## Flexible - but doesn't crack or break

heretofore impossible with ordinary glass.

CEL-O-GLASS IS NOT A FABRIC. It has a tough wire mesh base which gives it almost unbelievable strength. It is unbreakable, hail-proof, snowproof, rainproof and heatproof. Thousands of florists and growers have proved the durability of CEL-O-GLASS in actual use. It is easy to apply and presents a very neat and attractive appearance. An ordinary hammer, a few tacks and a pair of scissors are all the tools you need. No glazing, no expensive labor. No breakage.

CEL-O-GLASS comes in rolls 3 feet wide, in any length desired. Include a trial roll of CEL-O-GLASS in your next order. Price, 18c sq. ft.; roll, 15c sq. ft.

CEL-O-GLASS is also ideal for greenhouse and hotbed sash. Its extremely light weight and the fact that it is unbreakable permits of lighter construction and resulting economies

### Labels, Wooden

Tree and Pot Labels are both supplied in 100; 500, and 1000 lot packages.

Tree Labels  $3\frac{1}{2}$  inch copper wired, painted, per 100, 50c; 500, \$1.50; 1000, \$2.75.

Iron Wire, per 100, 40c; 500, \$1.50; 1000, \$2.50.

### Wooden Pot and Garden Labels

Inch	Painted		
	100	500	1000
4	\$0.35	\$1.10	\$2.00
5	.45	1.35	2.50
6	.60	1.65	3.00
8	1.25	4.50	8.00
10	1.40	5.25	9.50
12	1.60	7.00	13.25

Plant-Tubs, New York Cedar. Made of the choicest seasoned cedar, highly finished with black hoops; will last twice as long as cypress.

No.	Diam.	Ht.	Price	No.	Diam.	Ht.	Price
1	12 in.	10 $\frac{1}{2}$ in.	\$2.98	3 $\frac{1}{2}$	16 $\frac{1}{2}$ in.	15 $\frac{1}{4}$ in.	5.48
2	13 in.	13 in.	3.75	4	19 $\frac{1}{2}$ in.	17 in.	5.98
3	14 $\frac{1}{2}$ in.	15 in.	4.25	5	22 $\frac{1}{2}$ in.	18 $\frac{1}{2}$ in.	7.98

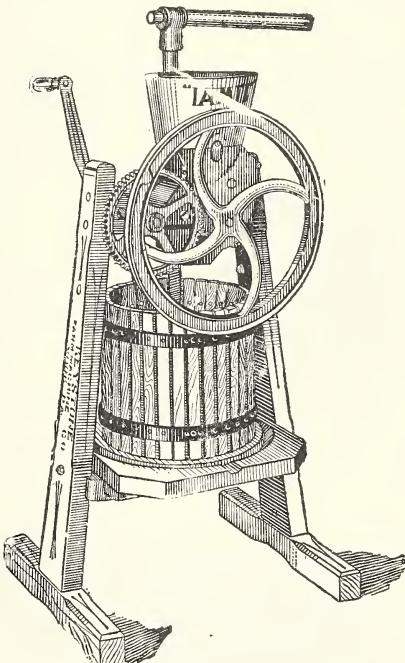
Tree Tubs.—Made of seasoned, selected Virginia White Cedar; bound with electric-welded wire hoops (galvanized), three hoops to each, except the smallest two tubs which have two.

Top Diam.	Inside	Inside	Depth	Price
No.	inches	inches	inches	Each
2	7	7		\$0.75
3	8	8		.85
4	9	9		.95
5	10	10		1.10
6	11	10		1.25
7	12	11		1.48
8	13	12		1.85
9	14	13		2.48
10	15	14		2.98

### THE "I AM IT" CIDER MILL

A combined Mill and Press with geared cylinder and adjustable concave, so that grinding can be done, as desired, either coarse or fine. It will grind apples at the rate of one-half bushel per minute. It is a Self Feed—you need not poke the apples to the grinding disc.

Price, \$22.00



"I AM IT" CIDER MILL

### CIDER PRESSES

#### Diameter of Tub

No. 1 10-in.. \$6.98 No. 2 12-in.. \$7.98 No. 2 $\frac{1}{2}$  13 $\frac{1}{2}$ -in. hinged \$11.98 No. 3 15-in. hinged ... \$14.98

### APPLE AND GRAPE GRINDERS

No. 11 .....	Prices on Application	Junior .....
No. 22 .....		Medium .....
Wizard .....		Senior .....

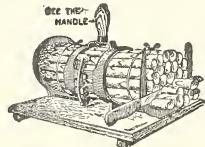
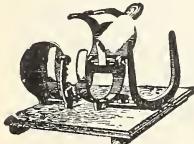
### CIDER MILLS

\$35.00
38.00
\$50.00

### Acme Asparagus Buncher

A greatly improved pattern with knife guide and adjustable head piece for regulating the length of the bunch. This is the latest pattern, 1907 patent.

Price ..... \$4.50



### Wire Flower Stands

1 Step	Wire Flower Stand, 24 inches	\$2.98
1 Step	Wire Flower Stand, 30 inches	3.48
2 Step	Wire Flower Stand .....	4.98
3 Step	Wire Flower Stand .....	5.98
4 Step	Wire Flower Stand .....	9.00

### Wooden Plant Stakes

Stakes—Round Green		Heavy	
Tapering	Light	Length	Doz.
		3 feet	\$1.35
		4 "	1.50
		5 "	2.00
		6 "	2.50

### Imported Bamboo Stakes

These Stakes are very strong and durable  
Natural Color

4 feet.	Per doz.	\$0.40	Per 100	\$1.50
6 feet.	Per doz.	.50	Per 100	3.00
8 feet.	Per doz.	.75	Per 100	5.00
9-12 feet.	Per doz.	1.50	Per 100	11.00

Green  
In. Doz. 100 1.000  
30 .25 \$1.25 \$7.00

### Neponset Waterproof Paper Flower Pots

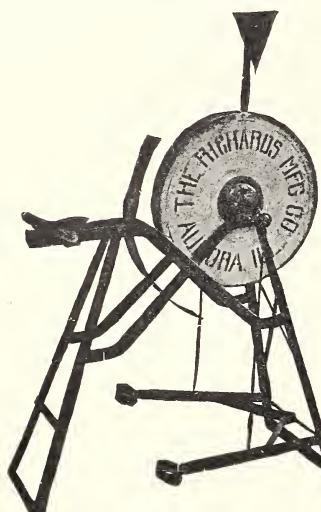


Unbreakable, light, economical. They last at least one season and their cost is trifling; they nest closely for shipping.

### PRICES

Ins.	Doz.	100	Pkd. Wt.	1000
2 $\frac{1}{2}$	12c.	\$65	2 lbs.	\$4.75
3	15c.	.80	3 "	6.50
3 $\frac{1}{2}$	18c.	1.10	4 "	8.50
4	25c.	1.50	5 "	10.75
5	35c.	2.50	8 "	16.00
6	40c.	2.75	10 "	22.00

## CYCLE BALL-BEARING STEEL FRAME GRINDSTONE



Solid Steel Frame With Seat

Stone 19 to 22 inches, 2 to  $2\frac{1}{4}$  inches thick. Best Quality Berea Grit. Front legs formed of one piece heavy steel angle. Rear legs formed of one piece heavy steel angle. Upper frame is constructed to form a brace for legs, making most rigid frame possible. Built on up-to-date mechanical principles.

Weight 85 lbs.

Price Richards Cycle ..... \$10.00

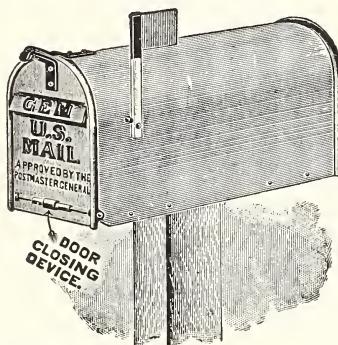
Price with Pipe Frame ..... 11.48

## MAIL BOXES—Rural Gem No. 4, With Self-Closing Door

Approved by Postmaster General

### DESCRIPTION.

Made from 22-ga. galvanized steel; absolutely storm-proof; the door is hinged at the bottom and yet is kept constantly closed by a spring hinge—cannot carelessly be left open nor blown open by the wind; has a large flag, visible for a long distance and easily operated; has inside



letter and penny holder; has a drop-letter hole in door; has substantial steel padlock-hasp: words "U. S. Mai" and "Approved by Postmaster General" are embossed in door and will remain as long as the box lasts; finished in weather-proof bronze fully one inch taller than most boxes of this style .... \$1.75

## Canal Barrows

Bolted Steel Wheel \$4.48

## Improved NEW CENTURY

Steel Tray and  
Steel Wheel

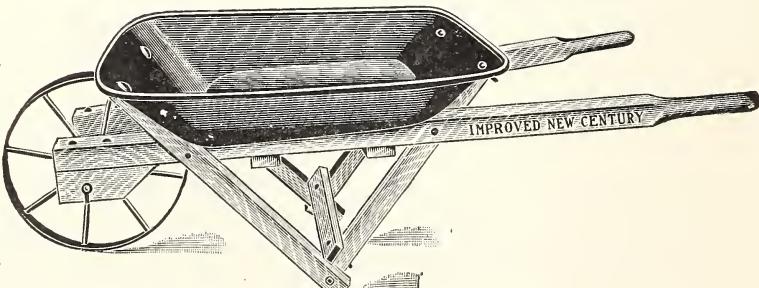
## WHEELBARROW

Weight 42 lbs.

A First-Class, well-made steel-wheel Wheelbarrow, with  $\frac{1}{2}$  inch steel rod rolled in edges of tray. Wood frame made of well-seasoned lumber, well bolted together, also to tray. While the tray of this Barrow is a trifle lighter than our regular steel Barrow, it is good strong Barrow, and sold at a reasonable price, not very much more than a common wooden canal barrow. TRY THEM.

Price \$5.98

Apokeepsing, extra heavy, No. 1 \$8.98



## DUTCHESS BOLTED GARDEN BARROW

Steel Wheel

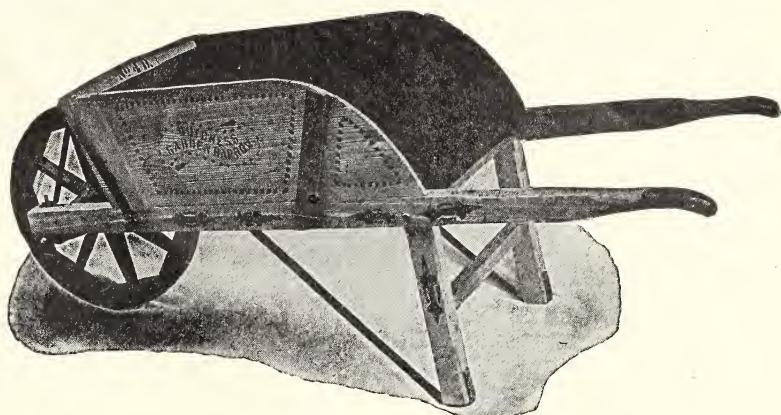
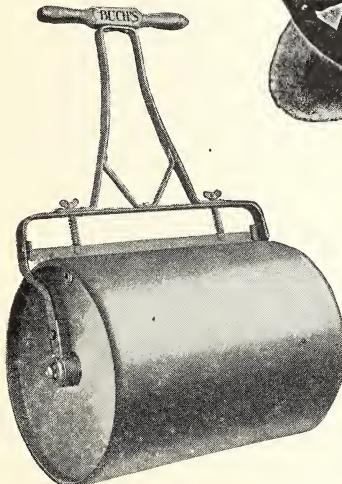
No. 3 Med. size \$6.98

No. 4 D. Lar. size 7.98

No. 5 E. Ex. Lar. 8.98

Wood Wheel

No. 2 B. .... \$5.98



## DUNHAM LAWN ROLLER

Water Filled

Length and Weight precisely as listed.

Rollers are smooth on face and aluminum finish, outer edges rounded to avoid cutting up the lawn.

Plain Bearing

	Pounds	Price
No. 2 Water Filled .....	175	\$13.50
No. 4 Water Filled .....	265	16.00

No.	Inches	Inches	Sections	Pounds	Price
No. 5	18	24	1	265	\$18.00
No. 7	24	24	1	420	\$20.70



# FARMOGERM

The Best Inoculation  
for All Legume SeedsFARMOGERM THE "ALWAYS FRESH" INOCULANT  
NEW LOW PRICES

For small seeds—Clovers, Alfalfa, etc.	
1/4-bus. size .....	\$0.35
1/2-bus. size .....	.60
10 bus. size .....	\$8.00

Special Reduced Prices on Cultures for Large-Size Seeds,  
Soy Beans, Cowpeas, Peas, Beans, etc.

1/2-bus. size .....	\$0.35	1-bus. size .....	\$0.60
5-bus. size .....	\$2.25		

Special Garden Size for Garden Peas, Beans, and Sweet  
Peas, 25 cts.

## Glorious Gardens—Perfect House Plants

MAKE YOUR FLOWERS AND VEGETABLES GROW FASTER

# STIM-U-PLANT

## THE MAGIC FERTILIZER IN TABLET FORM

STIM-U-PLANT is the only complete plant-food in tablet form. The three mineral plants (flower and vegetable) are nitrogen, phosphoric acid, and potash. Because of this fact, STIM-U-PLANT tablets are made up of these three in a balanced ration of 11 per cent. Nitrogen, 12 per cent. Phosphoric Acid, 15 per cent. Potash—all of which elements are water-soluble and immediately available to the feeding root-hairs of the plant.

Small size, 30 tablets ..... \$0.25      Medium size, 100 tablets ..... \$0.75

Large size (pail), 1,000 tablets, (enough for season's supply for medium-sized garden) \$3.50.

## Insecticides and Remedies for Plant Diseases

**LOTOL**—The Complete Concentrated Contact Remedy. For Many Varieties of Aphis (Plant Lice) and of Other Insect Pests. "NO FUSS—NO MUSS"—"A Teaspoonful Makes a Gallon." Price, 35c.

**White Helleboro.** An excellent remedy against currant worms, rose slugs, caterpillar, etc. Can be used either dry or in water;  $\frac{1}{4}$ -lb., 15c;  $\frac{1}{2}$ -lb., 25c; 1-lb., 40c.

**Lime and Sulphur Solution.** For San Jose scale, 1 gal. makes 15 by adding water. 1 qt., 40c; 1 gal. 90c; 5 gal. \$4.00;  $\frac{1}{2}$  bbl. (30 gal.) @ 35c; 1 bbl. (50 gal.) @ 25c gal. Dry—lb. @ 35c; 5 lb. @ 1.40; 10 lb. @ 2.50; 25 lb. @ 4.50.

**Fish Oil Soap.** One of the most effective agents used for destroying scale bug, plant lice and all other insects injurious to vegetation.

Price, 1-lb. box, 25c

### ARSENATE OF LEAD

Its great advantages are that it adheres well to the foliage and spraying does not have to be repeated, as it does not readily wash off by rain.

#### Dry

1 lb. lots, 40c; 4 lb. lots, 35c; 10 lb. lots, 30c

### PEACH TREE BORER—(para—Pichlorobenzine)

—A successful remedy for Peach Tree Borer. Recommended by U. S. Department of Agriculture and the State Experimental Station—Price, 1 lb., 65c.

### MELROSINE

The One Universal Contract Insecticide offering all the convenience and economy of having on hand one preparation to combat various sucking insects. It is effective for most species of Plant Lice, Black Flies, Green Flies, Soft Scale Insects, Rose Leaf Hoppers, Saw Flies, Japanese Bettles, Thrips, Red Spiders, Aster Bugs, Mealy Bugs, etc.

Price List of Melrosine



Gallon Can . \$6.00 Quart Can . \$1.75  
Half-Gallon Can \$3.25 Pint Can \$1.00  
Trial Size ..... 50c

**BLACK-LEAF 40.** A concentrated solution of nicotine sulphate; an excellent spray for black aphides and sucking insects of all kinds. Dilute one part to 900 or 1,000 parts of water, according to treatment. Full directions on each package, 1-oz. bottle 35 cts.,  $\frac{1}{2}$ -lb. tin \$1.25, 2 lbs., \$3.50, 10 lbs. \$13.50.

**BORDEAUX-ARSENATE OF LEAD.** A combination in proper proportions of the standard insecticide and fungicide remedies, thus killing insects and eliminating fungus plant diseases at one spraying and accomplishing the objects in half the time required to spray on separately. Dry, 1 lb. 40c; 5 lb., 35c; 10 lb., 30c.

**BORDEAUX MIXTURE OR FUNGIROID**—For all the various sorts of the grade. Full directions on label. Dry, 1 lb., 30c; 5 lbs., 25c; 10 lbs., 22c; 25 lbs. 20c; 50 lbs., 18c; 100 lbs., 16c.

**PYROX.** The best and safest all-round spray for all insects, blights and fungus troubles. Kills Potato bugs. Sticks like paint. 1 lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.25; 25 lbs., \$6.50; 50 lbs., \$12.25; 100 lbs., \$18.00; 300 lbs., \$54.00.

**CUT WORM FOOD**—It is simple and easy to use. It consists of a material that is more delicious and is much more preferred by the CUTWORM than the plants themselves. It is sprinkled on the ground around the plant just as it is found in package. Price 38c.

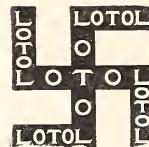
**TREE TANGLEFOOT.** A paste preparation for painting around the trunk of trees, in the form of a band. Caterpillars and other crawling pests cannot go over it. Lb., 60c; 3 lb. can, \$1.65.

**WEEDICIDE**—Kills grass and weeds of every kind on roadways, gutters, tennis courts, etc., by one application. Price 60c qt.; \$1.50 gal.

**GRAFTING WAX.** A wax manufactured specially for grafting trees, bushes, shrubs, etc.  $\frac{1}{4}$  pkg., 15c;  $\frac{1}{2}$  lb. pkg., 25c; 1 lb. pkg., 40c.

**FORMALDEHYDE**—A preventative of Fungoid Diseases. Bottle, 50c.

**PARIS GREEN**—Strickly Pure. Market Price.



**Sulphur, Powdered**—A remedy for insects of all kinds, both by itself and in combination with other remedies. 1 lb., 15c; 5 lbs., 10c—Special Price bbl. lots.



**Hammond's Slug Shot**—An insecticide for the destruction of Potato and Rose bugs, and all Lice, Worms or caterpillars, 1 lb. 20c; 5 lb. pkg., 60c.



**Copper Solution for Mildew and Blight**  
Price, 1 qt., \$1.15

**Kerosene Emulsion for Caterpillars**  
Price, 1 qt., 75c; 1 gal., \$2.00

**Grape Dust for Mould, Mildew or Rust**  
Price—5 Lbs., 85c

**Double Ground Land Plaster**—  
Per 100 lb. bag, \$1.50—Ton \$25.00.

# TODAY,

IN EVERY SENSE—A DISTINGUISHED SPRAYER



THOUSANDS ARE  
IN USE ALL  
OVER THE WORLD

Heavy Brass Pump Head, Hose Unscrews, 2 Ft. Heavy Hose, Brass Automatic Nozzle for Fine or Coarse Spray. Will not Clog, Heavy 4-Gallon Galvanized Steel Tank, Well Riveted To Stand Heavy Pressure. Also made Entirely of Brass.

No. 22—Galvanized

\$6.98

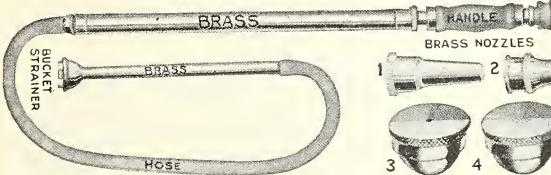
No. 22—Brass

\$9.48

## No. 45 Sturdy Spray Pump CONTINUOUS UNBROKEN SPRAY

Made Entirely of Brass

Used with any pail, bucket, can, barrel or tank by placing bucket strainer in such vessel. Works with ease on the up and down stroke, producing a continuous, unbroken spray. One brass tube works inside of the other, has brass ball valves, which will not corrode or rust. It does not require extension rods for elevating the spray, for it will spray the tallest tree from the ground.



Full directions for operating with each.

Brass: Everything but hose and handle.

Nozzles: Four furnished for all spraying purposes.

Hose: 3 feet best grade.

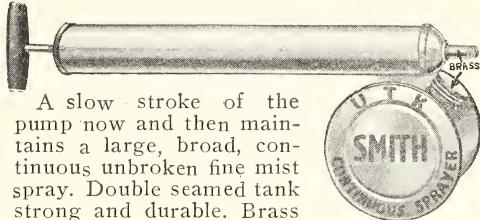
Length: Brass barrel 24 in. Brass bucket strainer 16 in.

Packed one in case. Shipping weight 4 lbs. Price, \$4.98.

## Banner Repair Cabinet

This cabinet carries repair parts most frequently needed for Smith Compressed Air Sprayers and is a great aid for giving service on repairs. Each part is packed in a separate compartment and the cabinet is labeled on the inside of the cover with illustration and suggested retail price. The cabinet is well built and nicely finished, so that it may be used indefinitely by simply ordering new parts to replace those sold.

## New U.T.K. Continuous Sprayer



A slow stroke of the pump now and then maintains a large, broad, continuous unbroken fine mist spray. Double seamed tank strong and durable. Brass discharge tube is detachable for cleaning. Adjustable brass nozzle. Brass filler cap. Brass ball valve. Sturdy in construction and well built throughout.

Used for spraying disinfectants and for farm and garden use.

Made in tin or galvanized iron, galvanized sprayer neatly striped.

Pump Chamber: 13 in. x 1 1/2 in

Capacity: 1 quart in tin, or galvanized iron; 2 quart galvanized iron.

Packed 1 dozen in case. Shipping weight 15 lbs. Price, 98c.

## Savage Junior Duster

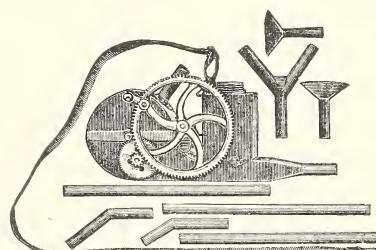


### DUSTS UNDER SIDE

### ALSO UPPER SIDE OF LEAVES

Used extensively for dusting Paris Green, Arsenate of Lead, Arsenate of Calcium, Savol, etc. Made of heavy tin, nicely painted. Reservoir holds over one quart of powder, or four pounds of Paris Green. The spray is blown out by a fan, operated with gear wheels, which are machine cut and therefore run smooth and easy. An agitator provides a constant flow of powder, with a gauge for regulating the amount of powder to be used. Will cover two rows at will of operator. Can also be used for tree spraying by connecting tubes. Full instructions accompany each duster.

Packed one dozen in case. Shipping weight 19 lbs. Price \$1.48.



Body: Heavy tin, well braced.

Gears: Steel machine cut.

Capacity: 4 pounds powder.

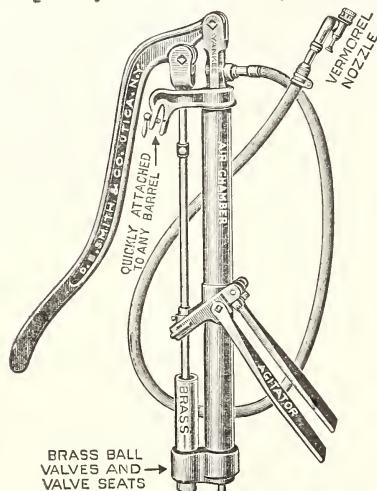
Weight: Empty 5 lbs.

Finish: Red enamel and aluminum.

Packed 1 in case. Shipping weight 10 lbs. Price, \$11.00.

**No. 25 Yankee Barrel Pump**

Quickly Attached to Any Wheel



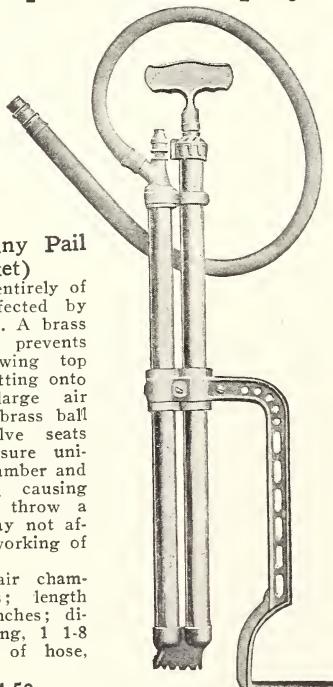
Made with brass nozzles, brass cylinder, brass ball valves and valve seats. Double acting barrel spray pump. Requires no priming. The pump barrel is made of heavy brass, as are all valves and valve seats, ground together, making all parts airtight. These parts will not rust or corrode, nor is any part of the pump affected by strong mixtures.

The plunger packing is a specially treated canvas, unaffected by the strong mixtures which would destroy a leather packing. The pump is easily and quickly attached to any barrel by setting casting over upper end of staves and tightening lock screw. Works with compressed air, throwing a stream with great force, or a continuous spray, as desired.

Price, \$13.98

**No. 26 "Superb" Brass Spray Pump**

Pump

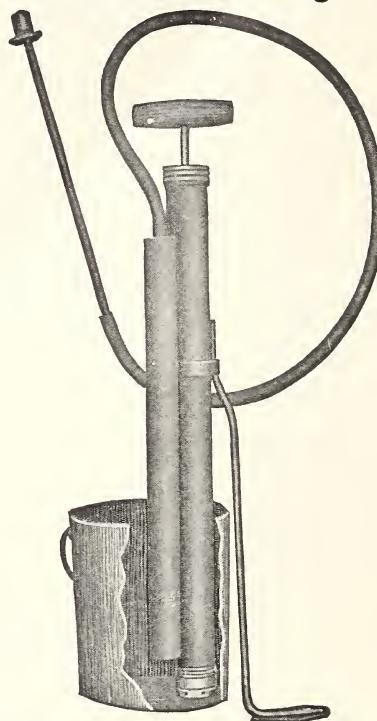


(Will Fit Any Pail or Bucket)

Constructed entirely of brass. Not affected by strong mixtures. A brass stuffing box prevents liquids overflowing top of pump, or getting onto operator. A large air chamber with brass ball valves and valve seats keeps the pressure uniform in the chamber and on the nozzle, causing the nozzle to throw a continuous spray not affected by the working of the plunger.

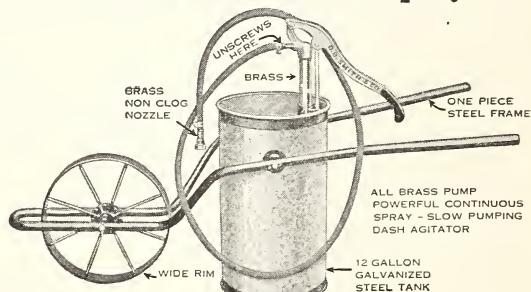
Length of air chamber, 20 inches; length over all, 26 inches; diameter of tubing, 1 1/8 inches; length of hose, 36 inches.

Price \$4.50

**No. 28 Lightning**

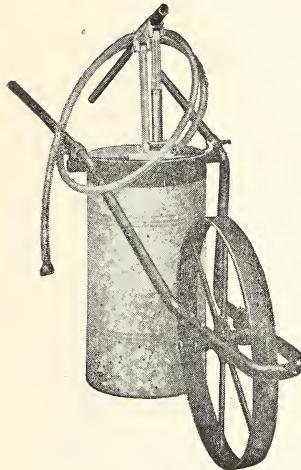
Whitewash Sprayer and Force Pump  
Patented March 18—June 24, 1919

Will Fit Any Pail or Bucket  
Double Action  
Price \$2.98

**No. 50 Wheelbarrow Sprayer****Double Action—Continuous Spray**

The No. 50 Wheelbarrow Sprayer is made to fill the needs of the dairymen, fardener, florist, or nurseryman. It is adapted for spraying truck crops, vineyards, orchards, flowers, and for spraying disinfectants, whitewash or Carbola in dairy barns, poultryhouses, etc. The pump is made entirely of brass, double acting, provided with large air chamber which keeps an even, heavy pressure on the nozzle, thereby producing a large, mist like continuous, unbroken spray with slow easy pumping. Requires no priming. A dasher agitator is provided, working with each stroke of the handle.

The frame is steel, made in one piece, making it the strongest kind of a frame, with nothing to weaken or get out of alignment. The wheel has a wide rim, which will not cut into the ground and makes the outfit wheel easy. The pump may be easily detached from the tank and the tank with wheel and frame may be used for wheeling water or slops about. Price \$19.50.



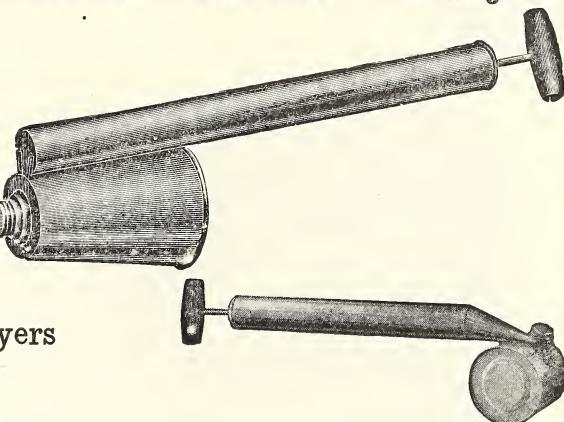
## THE AUTO NO. 42 WHEEL SPRAYER

Applies, in a mist-like spray, all fluid insecticide and fungicide solutions on garden crops, ornamental plants, shrubs and low trees; also useful for whitewashing, applying sheep dip, fly oils, etc. It is a most convenient, large capacity, Auto Sprayer, fitted to a tubular iron frame with 20-inch wheel, so that it is as easily moved about as a wheel-barrow. The tank of heavy galvanized steel or brass (as may be selected) holds the spray solution and the compressed air pump with which the operator keeps up a continuous and uniform spray. The machine is furnished with 8 ft. of high pressure spray hose with connections in 8 ft. iron extension pipe with lever "shut-off" for tree spraying and the latest pattern Vermorel nozzle, which fits either the hose or pipe. Price, with 12 gal. galvanized steel tank, \$23.00.

## LOWELL GRAND SPRAYER FOR LIQUID

### DESCRIPTION

Tapered cylinder reservoir, 4 inch bottom, 3 inch top, 1½ inch pump cylinder, 20 inches long. Plunger rod bright steel. Plunger our special make. Two brass solution or spray tubes. One inch zinc can screw for filling. Strong and durable in construction. Each sprayer is tested for leaks and perfect spray. Capacity of tank one quart. Aluminum finish. Galvanized Steel, 65c.

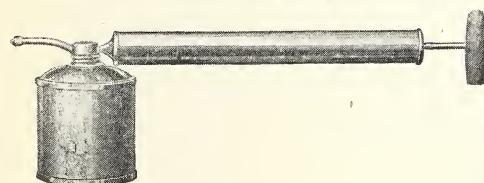


**Lowell Baby Midget Sprayers  
for Liquids, 35c**

## BROWN'S CONTINUOUS SPRAYER

The Brown Continuous Sprayer, as the name implies is so constructed that it not only sprays on the downward stroke of plunger but also when it is drawn back, thus causing a continuous mist-like spray.

Brass ..... \$1.25 Lowell—Galv. .... .85



**Paragon Sprayer No. 3**

**Capacity 12**

**Gallons**

**Equipments:**  
10 ft. special  
hose; 7½ in.  
extension pipe  
with nozzle, 1  
steel cap and 1  
straight spray  
—Used exten-  
sively in green-  
houses.



Price \$25.00

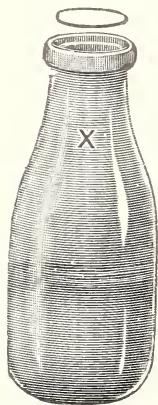
**The Auto-Spray  
No. 1** is the stand-  
ard of all com-  
pressed air spray-  
ers. It is the  
strongest and  
most simple in its  
working parts of  
any similar ma-  
chine. Self oper-  
ating. Two pump-  
ings of a few  
strokes on the  
plunger will dis-  
charge the con-  
tents under high  
and constant pres-  
sure.

Price, Galv., \$6.48

Brass, \$9.48



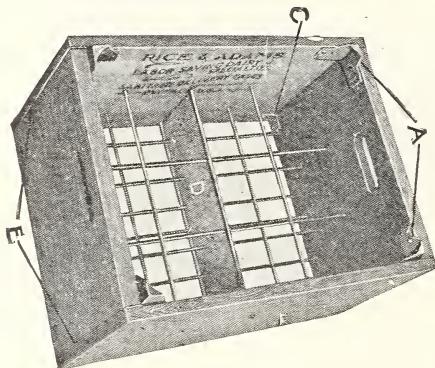
# Dairy and Milkmen's Supplies



## MILK BOTTLES

No. 2 Common Sense

1 qt., doz.	\$1.00	Gross \$9.00
1 pt., doz.	.80	Gross 7.00
½ pt., doz.	.70	Gross 6.00
1 Gill, doz.	.70	Gross 6.00



## R. & A. Unbound Sanitary Delivery Cases

Patented Nov. 7, 1905

The weight of unbound cases is about three pounds less than bound cases, and for this reason they are preferred by many dealers. This style is made with or without bottom corner irons. Pressed galvanized steel stacking corner irons are always included.

A—Heavy stacking corner iron.  
C—Bottom corner iron.

D—Galvanized steel support.

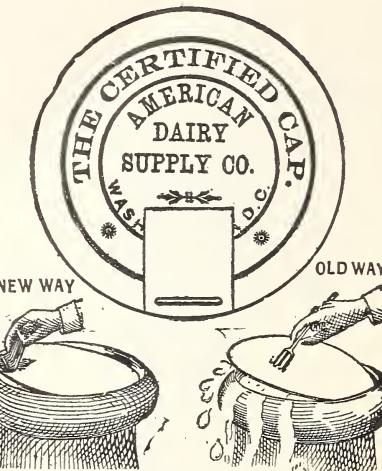
The bottles are always held in correct position to be filled and capped, as the galvanized steel support "D" keeps the long wires from sagging.

1 qt. size (12 bottles), \$1.60—  
doz. \$1.50.

1 qt. size (Iron striped), \$1.75  
—doz. \$1.70.

1 pt. size (20 bottles), \$1.60—  
doz. \$1.50.

1 pt. size (Iron striped), \$2.00  
—doz. \$1.85.



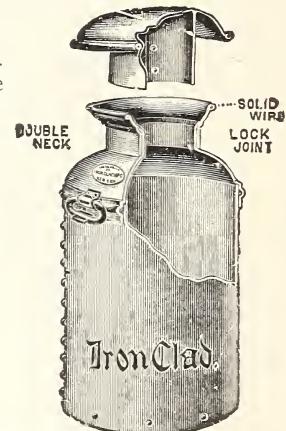
## MILK CAPS

New Seamless Pull Cap.  
Heavy Waxed, Printed.

Heavy Waxed, with lip, Printed.  
New Lip Cap, lip will not pull off.  
NEW PERFECTION PULL CAP.

Prices on  
Application

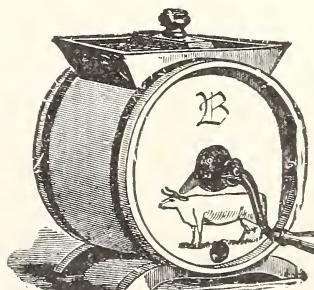
Name and ad-  
dress printed free  
on lots, 50M.



## Milk Cans

20 qts.	\$4.25
30 qts.	\$4.75
40 qts.	\$5.00

## The Cylinder Churn



No. 0 .....	\$4.00
No. 1 .....	5.00
No. 2 .....	6.00
No. 3 .....	7.00
No. 4 .....	8.00

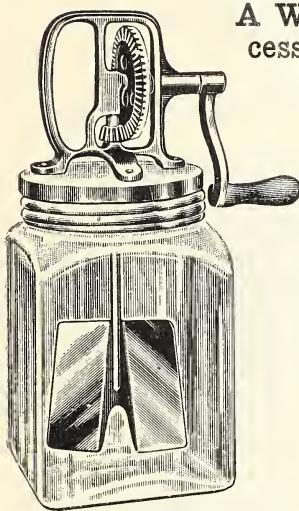
## The Lightning Churn



No. Will Hold	Price
2 3½ gals.	\$7.50
3 4½ gals.	8.50

## DAIRY AND MILKMEN'S SUPPLIES—Continued

## A Wonderful Process of Economy



The Dazey Butter Machine saves 45 per cent. of your butter bill.

One pound of butter and one pint of milk make two pounds of milk charged butter.

## PRICES

1 qt. ....	\$1.50
2 qt. ....	2.00
3 qt. ....	2.75
4 qt. ....	3.50
Dazey Metal Churn	
No. 100 ....	\$3.50
No. 200 ....	5.00
No. 300 ....	6.50
No. 400 ....	8.00
No. 600 ....	10.00

## Measuring Rods

## FOR MILK CANS

Metal .....	75c.
Wood .....	98c.

## Dairy Thermometers, 25c Each

Lactometers, approved by the N. Y. Board of Health to test the quality of Milk, 75 cts. each  
Long Handle Measure for Milk Cans.

## NATIONAL FENCE



National Farm Fence, 45-inch. Price, per Rod (by roll) 60 cents.  
National Farm Fence, 32-inch. Price, per Rod (by roll) 55c & 70c.

## NEW NATIONAL POULTRY FENCE

58-inch, Price, per Rod (by roll), \$7.98

48-inch, Price per Rod (by roll), \$6.50

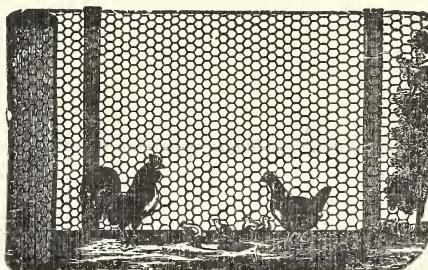
Galvanized Wire Netting

## Poultry Netting

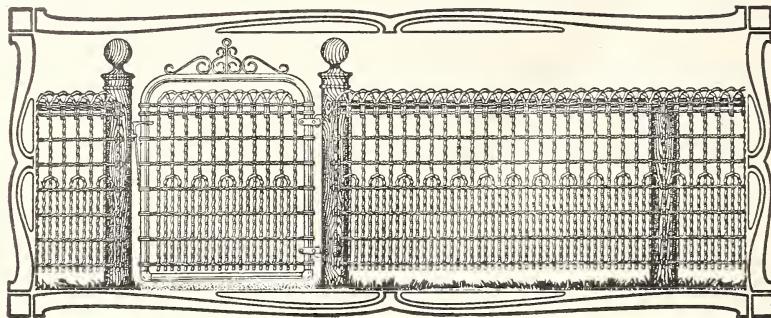
Our Poultry Netting is woven from the best quality of steel wire of full standard gauge. It is heavily galvanized after weaving, thus insuring the greatest durability.

Wire 2 inch Mesh, 1 ft., 2 ft., 2½ ft., 3 ft., 4 ft., 5 ft., 6 ft. No. 20 Wire 1 inch Mesh, 1 ft., 2 ft., 2½ ft., 3 ft., 4 ft., 5 ft. and 6 ft.

Market Prices.



## Ornamental Fences and Gates



Our Ornamental Fences are exclusive in design, and embody many highly meritorious features not to be found in those of any other manufacture.

Our fabrics are made by cabling horizontal wires and inserting, at regular spaces, heavy upright or picket-wires which are corrugated either at intervals or continuously to engage the cabled line-wires, reversing the twist of the cable on each picket—thereby causing the cables to become firmly seated in the corrugations of the uprights, thus forming an immovable joint, and providing for contraction and expansion. Will not unravel when cut.

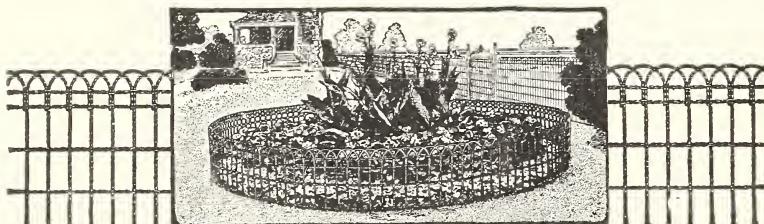
### STYLE 600—SAME AS CUT ABOVE

36 inches high .....	15c lineal foot—Roll 13c ft.
42 inches high .....	16c lineal foot—Roll 14c ft.

### STYLE 100, WITHOUT LOWER WEAVE

36 inches high .....	12c lineal foot—Roll 10c ft.
42 inches high .....	14c lineal foot—Roll 12c ft.

## PERFECTION FLOWER-BED GUARD AND LAWN BORDER



A neat, artistic, and inexpensive fabric for the protection of flower beds. Also much used for lawn and curbway border. Can be readily taken up and used from year to year, cut off to length required, and the ends hooked together when set. No posts are required to hold it in place, as the picket ends are left projecting for insertion in the ground. Uprights are of No. 9 and cables of No. 13 heavily galvanized wire.

### PERFECTION

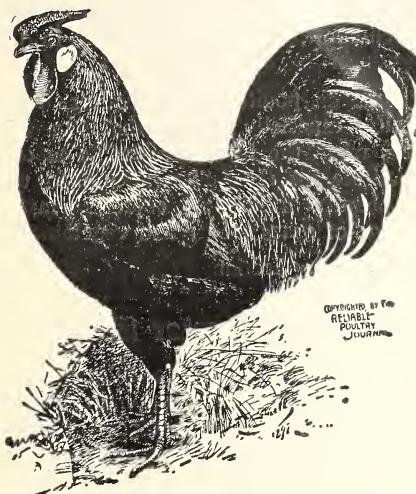
22 inches. 16 inches  
11c per ft. 10c per ft.

Roll  
9c per ft. 8c per ft.

## ORNAMENTAL WALK GATES

Cyclone Ornamental Gates are made to match any of our styles of fabric. Frames are of high grade steel tubing, with fittings of high-grade malleable iron and wrought steel. Same style as above we quote: Sizes, height from 26 in. to 42 in. width, 3 ft., \$4.00, plain \$3.50; 3½ ft., \$4.50, plain \$4.00.

# HIGH GRADE POULTRY AND PIGEON SUPPLIES



## Pratt's Baby Chick Food

For the "First Three Weeks"

Saves the little chicks—brings them through the first three weeks in fine shape—keeps them well and makes them grow fast. The most successful poultrymen all over the country testify that PRATTS BABY CHICK FOOD is the greatest money saver and chick saver that they have ever seen. If you want real success with your chicks—want to raise all that are hatched every time—use PRATTS BABY CHICK FOOD. Try it once and you will never be without it.

14 lb. Bags, \$1.10. Packages, 25c and 50c.

## Full of Pep Dry Mash

## Feed for the Growth Stage

A standard mixture of re-cleaned Cracked Grains, Seeds and Hulled Oats. The proportions are similar to the "Sun Brand," but a trifle coarser, especially to meet the requirements of the older chicks, although used by many from the beginning.

Prices on application.

## Conkey's Buttermilk Food



Feed it for the first 8 weeks, then follow with Conkey's Buttermilk Growing Mash and continue during the developing period. Then feed Conkey's Buttermilk Laying Mash.

Price 5 lb. pkg. ....	.40
Price 10 lb. pkg. ....	.75
Price 25 lb. pkg. ....	1.75
Price 100 lb. pkg. ....	5.50

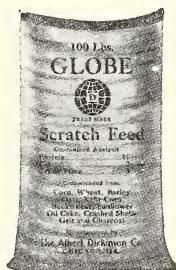
## Developing Food

A special food for properly maturing young chicks after they are weaned from Chick Food up to the time for feeding scratching food and laying food. Developing food is dry grain and may be fed from hoppers, but better results may be had by scattering broadcast.

## Scratch Food

For Grown Fowls  
Suitable for all Seasons

A carefully selected mixed balanced ration of grains, cracked and whole seeds, etc., adapted to the vigorous growth of fowls and production of eggs. Scratching food should be scattered in the litter the first thing in the morning and at noon; late in the afternoon feed all the mash food they will clean.



### Beef Scrap

## Standard Meat Food for Poultry of all Ages

Standard Meat Food for Poultry of all Ages  
High Protein Beef Scraps is an especially valuable meat food for poultry and gives very satisfactory results. Any kind of Beef Scraps will not answer. Poor beef scours the birds and often injures them, when the first is used the results are uniformly good. Do not fail to buy your supply from a reliable source.

Prices on application.

## Semi-Solid Buttermilk

Is pure creamery buttermilk condensed to the consistency of a thick semi-solid paste. SEMI-SOLID BUTTERMILK, being thoroughly pasteurized, is a perfectly safe feed at all times. Skimmilk is often responsible for tuberculosis in poultry, and unless the skim-milk is from perfectly healthy cows, or is thoroughly pasteurized before feeding, it may cost the poultryman considerable in lowered egg production and increased mortality. SEMI-SOLID BUTTERMILK keeps a long time in the unopened package, and the open package will keep almost indefinitely if the sides are kept clean and some milk removed daily from the entire surface. Semi-Solid comes in one gallon cans, 50-pound sanitary steel pails, 100-pound wood jacketed cans, and 500-pound barrels.

Price on Application

## Charcoal

Prepared expressly for poultry, absolutely pure, essential to health of fowls and aids to digestion. We carry three grades:

No. 2. Fine, for use on mash mixtures.  
 No. 1. Medium, for small chicks.  
 No. 0. Coarse, for fowls, 1 lb. 10c.  
 5 lbs., 35c. 10 lbs., 60c. 25 lbs., \$1.00  
 50 lbs., \$1.75 100 lbs., \$3.25

## Ground Bone

Fine and Granulated.

Ground Bone is made from Dry Bone, and contains Phosphates, Lime and Protein and is especially valued as an egg producer.

Prices on application.

## Cut Alfalfa Clover

A Poultry Food that aids digestion and assists in the assimilation of grain foods, thereby giving better results at lower cost. Among green foods, Alfalfa stands at the top. Meal-ed Alfalfa is a boon to poultrymen. It is used in a mash for small chicks as well as to mature fowls. If more of this meal was fed to young chicks there would be less mortality.

Prices on application.

## Cut Red Clover

Cut Clover has become the standard green food for winter egg production. It is used and recommended by every poultry expert and well-known practical poultryman in America.

Writers on poultry topics endorse it as a necessity, especially during the long winter months when the fowls are unable to obtain a substitute for the bulky green food which is so plentiful during the summer season in the shape of grass clover and vegetables.

Prices on application.

## Crushed Oyster Shells

It is needless for us to enlarge on the value of oyster shells for poultry. Every poultryman realizes their importance as an egg maker and general promoter of good health.

1 lb., 5c; 5 lbs., 20c; 25 lbs., 50c; 100 lbs., \$1.25.  
 One ton ..... \$21.00

## Crystal Grit

We supply four sizes of grit. No. 4 for Brooder Chicks; No. 3 for Pigeons; No. 2 for half-grown Chicks; No. 1 for Hens, Turkeys, Ducks and Geese.

1 lb., 5c; 5 lbs., 20c; 25 lbs., 60c; 100 lbs.,

## Foust's Health Grit

1 lb., 5c; 5 lbs., 20c; 10 lbs., 35c; 25 lbs., 75c; 100 lbs., \$2.00.

## Seeds and Grains

We carry a full line of the following: Wheat, Barley, Millet, Hemp, Sunflower, Kaffer Corn, Canadian Peas, Cracked Rice, Linseed Meal, Canary Seed and Mixed Bird Seed, Buckwheat, Rye, etc.

## 1-2-3 Poultry Feeder

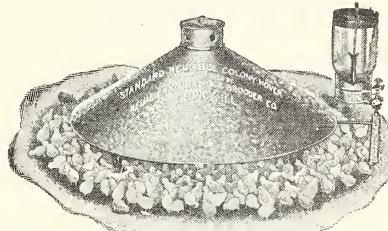
For feeding Dry Mash, Scraps, Grit, Oyster Shells, Charcoal or any poultry feed. The separator can be arranged so as you can have one, two or three compartments. When used for two kinds put separator in one end; when for one kind of feed take out the separator; used for three kinds, say scraps, shells, and grit, put separator in the middle and you have three separate compartments. Price, \$1.50.

## Reliable Standard Incubators



240 and 350  
Egg Capacity

ALL HOT WATER MACHINES HAVE  
COPPER TANKS



### IMPROVED RELIABLE VALVELESS OIL LEVEL, BLUE FLAME HOVER

This hover has the same chick capacity as the coal burning brooder. They are made in three sizes, 30 inch, 42 inch, and 52 inch hover. A few of the special points on this oil heated hover are as follows:

Burns Coal Oil. No Wick to Trim. Steady Blue Flame. Abundance of Heat. Comfortable and Easy to Operate. No Oil Fumes. Visible Oil Feed. Economy of Operation. Convenient and Safe. No Coal, Smoke or Gas. The Flow of Oil is Regulated Automatically.

Hovers Canopy  
only only Complete  
O 30 inch, 250 Chicks .. \$10.50 \$8.45 \$17.50  
1 42 inch, 500 Chicks .. 11.80 9.45 18.50  
2 51 inch, 1,000 Chicks .. 13.35 10.45 21.50

#### CAPACITY, SIZE AND WEIGHT

No.	Kind	Capacity	Price
49A	Hot Air	100 Eggs .....	\$22.50
51	Hot Air	140 Eggs .....	31.00
50A	Hot Water	100 Eggs .....	28.00
52	Hot Water	140 Eggs .....	37.00
53	Hot Air	240 Eggs .....	43.00
54	Hot Water	240 Eggs .....	51.50
55	Hot Air	350 Eggs .....	51.00
56	Hot Water	350 Eggs .....	63.00

#### SPECIAL INCUBATOR

No.	Size	Kind	Wt.	Price
81	70 egg	Hot Air	36 lbs.	\$15.50
83	125 egg	Hot Air	67 lbs.	23.50

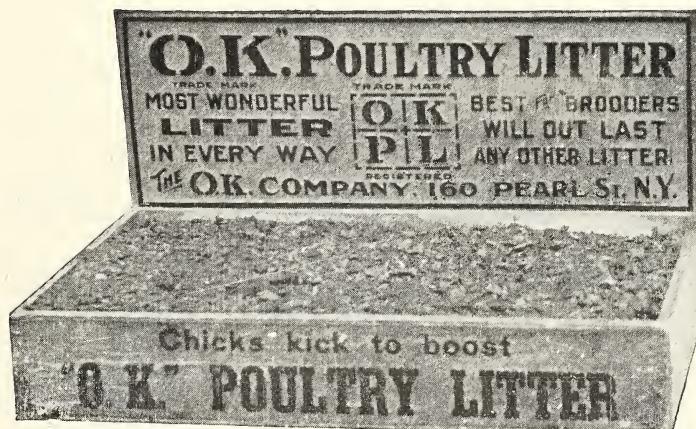
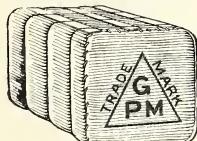
### SOLE AGENTS

## O. K. POULTRY LITTER

A deodorizer, absorbent disinfectant, sonomical and labor saving scratching Litter, it is imported and is especially adapted as a litter in Scratching Pens and for catching droppings under perches. It absorbs all moisture from the droppings and they quickly dry up. It absorbs the ammonia and poisonous gases.

Lice will not live in it. It is the best Neest material because it is soft and pliable and will not harbor lice. By following directions you need only clean your pens once in three or six months, thus saving much time and labor.

Every Bale Will  
Cover an Area of  
80 sq. ft., 3 ft. Deep



**PRICE BY THE BALE, \$4.00**

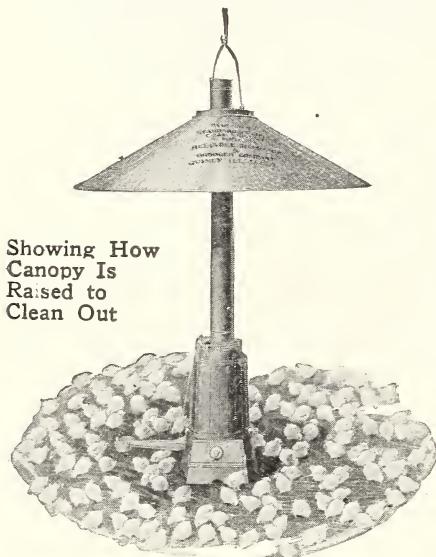
Which Will Cover 80 Square Feet, 3 Feet—Will Weigh from 140 to 180 lbs. According to  
Moisture

Here Are the Reasons Why You Should Have Our Latest Improved Model

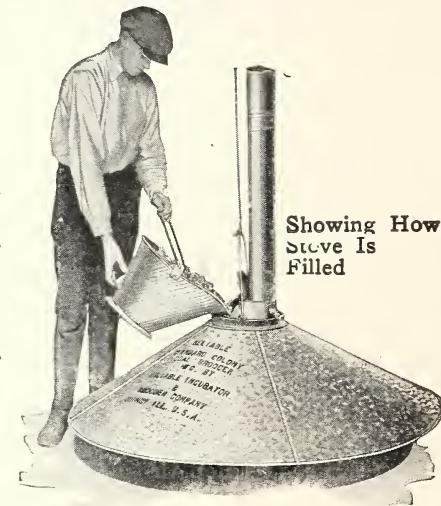
## Reliable Standard Coal Burning Colony Brooder

IT GIVES STEADY HEAT  
IT IS SAFE AND DURABLE  
IT IS EASY TO CLEAN  
IT BURNS SOFT OR HARD COAL

IT IS SELF-FEEDING  
IT IS SELF REGULATING  
IT IS A BIG TIME SAVER  
IT IS SIMPLE AND ECONOMICAL



IT HAS ALL THE LATEST IMPROVEMENTS  
IT IS GUARANTEED TO GIVE SATISFACTION



Chestnut hard coal is recommended for use in this Brooder, but soft coal may be satisfactorily used with our Four-inch Flue.

Here is another Colony Brooder improvement. A Screw Plate Draft is placed on the ash pit door, which permits draft to be opened as much as necessary for the proper combustion of soft coal. This draft is also helpful in starting a hard coal fire.

Another big feature on this brooder is that the regulators are equipped with two double disc thermostat wafers which are very durable and sensitive. This of course insures positive regulation of the check draft.

No. 9—Size of canopy, 42 inches; capacity 500 or less; height, 22 inches; diameter of cylinder, 10 inches; diameter of grate, 9 inches; price \$21.50.

No. 10.—Size of canopy, 52 inches; capacity 1,000 or less; height, 26 inches, diameter of cylinder, 13 inches; diameter of grate 11 inches, price \$26.50.

No. 11.—Size of canopy, 60 inches; capacity 1,200 or less. Price \$30.00.

ALL COAL BROODERS SHIPPED COMPLETE READY TO SET UP AND OPERATE

## SEMI-SOLID BUTTERMILK

Semi-Solid Buttermilk is Condensed by Patented Processes which Carefully Retain All the life of the Milk.

100% Pure and Unadulterated Buttermilk—no fillers used.

All the Lactic Acid in Original Active Form. All Vitamines are Retained Unchanged.

The Only Form of Milk, Stock or Poultry Feed which contains all the Necessary Vitamines and Lactic Acid of the Original Milk.

More than a very good feed—  
It's a tonic too.  
More than a tonic—

It's a powerful medicine  
That cures and prevents  
WHITE DIARRHEA

**Pratts**

POULTRY REGULATORS, REMEDIES,  
LICE KILLERS, DISINFECTANT  
AND BABY CHICK FOOD

For Health and Eggs



**Pratts**

Poultry Regulator

has no equal. It is the world's original poultry regulator and has been the standard for over 50 years. Not a dope or stimulant but a natural tonic supplying numerous health necessities required by heavy laying hens and breeding stock. Tones up the system, regulates bowels, aids digestion, sharpens appetite, wards off disease and increases vitality. Added to any mash it makes more eggs. Use it the year round and make bigger profits. Guaranteed to give satisfaction or your money back. 25c, 50c and \$1.10 pkgs. 12 lb. pail \$1.65; 25 lb. pail \$3.00; 50 lb. drum \$5.50; 100 lb. drum \$10.00.

**Pratts**

Buttermilk Baby Chick Food

the original "baby food for baby chicks." You can raise every liveable chick by using this splendid feed for the first three or four weeks of a chick's life. That is the critical period when the use of Pratts Buttermilk Baby Chick Food will more than pay for itself in the extra chicks you save.

Pratts Buttermilk Baby Chick Food is made of the most carefully selected, high grade ingredients skillfully prepared so that it is mechanically predigested. It furnishes everything needed for health, growth and a sturdy foundation. Leg weakness, diarrhea and other chick troubles are unknown where Pratts is used.

Don't waste time, chicks or money on imitation of Pratts. We guarantee it will give complete satisfaction. In packages and in 10, 14, 25, 50 and 100 lb. bags.



**Pratts**

White Diarrhea  
Remedy



Use this in the chicks drinking water for the first ten days and you will avoid losses from white diarrhea and like bowel troubles. This is "life insurance," for chicks that will save you dollars. Very easy to use and fully guaranteed. 25c and 50c pkgs.

**Pratts**

Powdered  
Lice Killer

A powerful and economical lice killer that quickly rids your fowls of these profit eating pests. Use it on the poultry, in the nests and dust boxes, etc. Also used to free horses, cows, sheep, dogs, cats, etc., from lice, fleas and other vermin. Easy, safe and effective to the highest degree.



In handy sifter top cons—  
12c, 25c and 50c.

**Pratts**

Poultry  
Disinfectant

Insures poultry health. A cheap, powerful, non-poisonous disinfectant. A gallon makes a barrel of disinfecting solution. Acts as a deodorizer, germicide, and liquid lice killer. Effective in the treatment of roun, colds and contagious diseases.

1 qt. 55c; 2 qts. 90c; 1 gallon \$1.50.



**Pratts**

Roup  
Remedy

(Tablets or Powder)

Use it as a treatment or preventive. An easy powerful remedy with a long record of success in the treatment of colds, roun, diphtheria, catarrh, etc. Keep a box always at hand, guaranteed to give satisfaction. 25c, 50c and \$1.00.



## OTHER GUARANTEED PRATTS REMEDIES

Pratts Special Compound, 25c and 50c (for cholera).  
 Pratts Condition Tablets, 25c and 50c.  
 Pratts Head Lice Ointment, 35c.  
 Pratts Gape Remedy, 25c and 50c.  
 Pratts Sore Head-Chicken Pox Remedy, 35c and 70c.  
 Pratts Red Mite Special, 55c, 90c and \$1.50.  
 Pratts Poultry Worm Powder, 50c, \$3.00 and \$9.00.  
 Pratts Fly Chaser, 85c and \$1.25.



### WOOD NEST EGGS

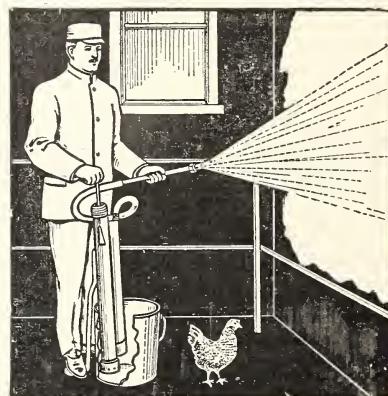
Highly enameled, unbreakable, lice-proof.

Very attractive appearance.

5c, 6 for 25c.

Lime Nest Eggs, 3c each, 9 for 25c.

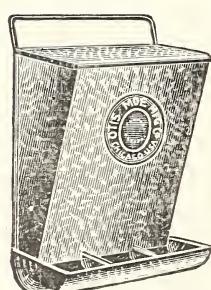
No-Odor.—One of the best nest eggs to use.



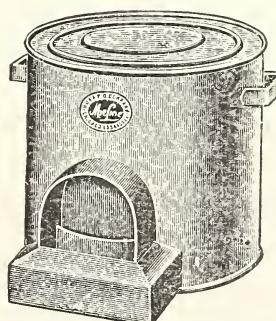
### Whitewash Sprayer

This is the only spray pump that properly sprays whitewash without clogging. It is constructed of heavy galvanized iron with brass tops and valves. Large air chamber and ball valves, the pressure maintains a continuous stream or spray not affected by the upward stroke.

Galvanized Iron, \$2.98



**GRIT AND SHELL BOX**  
98c



**HOEFT'S INSULATED FOUNTAIN**  
2 Gal. .... \$4.00  
3 Gal. .... 4.50  
5 Gal. .... 5.50



**BROODER FOUNTAIN**  
40c

**Gape Worm Extractor**

The use of this instrument is so simple that a few moments' practice will give almost all information needed. The wires being flexible, may be made smaller or larger by bending to suit any age fowl.

Full directions with each instrument.

**Pilling French Poultry Killing Knife**

Every Poultry raiser should have one of our killing knives. They are made of finely tempered instrument steel, with nickeled handle; will last a life time. Don't wait! Send for it now. Price, 50c.

**Reliable Spring Lever Poultry Punch**

If you keep a record of your chicks, of the different breeds, hatches, strains, etc., there is no better, quicker, or easier way than by using our latest invention. Price, 25 cents.

**Philadelphia Chick Marker**

Price, 25 cents.

**Incubator and Brooder Lamps**

With seamless founts drawn in one piece and galvanized after drawing.

7-inch by  $2\frac{3}{4}$ , No. 2 burner and chimney.

7-inch by  $2\frac{3}{4}$ , No. 3 burner and chimney.

Zero Incubator and Brooder Lamp. Prices on Application.

**Pilling Caponizing Sets.**

The Farmer Mi Cap'niz'g Set	\$7
The Farmer's " "	\$4
The Philadelphia " "	3.50
The Plain " "	2.75

Full instruction for use with each set.

**High Grade Tested****Thermometers**

The best incubator or brooder manufactured is worthless unless the thermometer used therein is accurate. Hundreds of hatches in incubators fail because of inferior thermometers, and large numbers of chickens are killed in brooders owing to defective or worthless thermometers.

The thermometers here listed are thoroughly tested before they are shipped.

Incubator Thermometer, each .50  
Brooder Thermometer, each .50

**Incubator Hygrometer**

These Hygrometers should be used by every one who runs an incubator. They regulate the moisture as accurately as the heat which overcomes the trouble so many people have of chicks "dead in the shell."

Price each, \$1.50

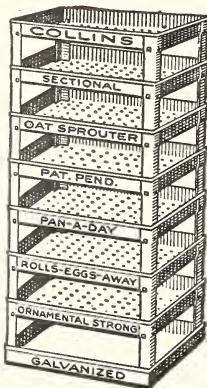
**Water-Glass****For Preserving Eggs**

1 qt. Jars .....	.30
2 qt. Jugs .....	.50
4 qt. Jugs .....	75c

## The Peerless Self-Feeding Dry Food Hopper

The Most Practical, Quickest Growing  
Perpetual, Sectional, Fireless

### Oat Sprouter



All Metal, Heavily Galvanized. Packed in Corrugated Box  $11\frac{1}{2}$  x  $15\frac{1}{2}$  inches.

### PRICES

5 pans, 11 x 15 .....	\$3.00
8 pans, 11 x 15 .....	4.00
Extra large size .....	8.00

### Never Fail Oat Sprouter

HAS FIVE PERFORATED PANS, EACH  $16 \times 17$  INCHES AND ONE DRIP PAN AT BOTTOM  
The best device for producing quick, clean sprouted oats

#### Possesses These Profitable Characteristics

No lamp is needed. It costs absolutely nothing to run it. Just sprinkle occasionally with water. Can be used in kitchen or basement where there is a fairly even temperature and light to produce growth.

No danger. Without lamp, stove or danger, muss or tuss.

Very durable. Frame of iron, heavily japanned. All pans have perforated bottoms except the lowest. Pans of seam'less galvanized; can't get out of order, which catches the drippings.

Compact Requires floor space only 18 inches square. Fits into almost any out-of-the-way place.

Green Food all winter if you use the Economy Oats Sprouter. Price, \$5.98.



This Hopper Stands for Economy, Efficiency and Reliability.

Ideal for feeding Dry Mash, Beef Scrap, Bran, Meal, Grits, Oyster Shell, Hen-e-ta Granulated Milk, Charcoal, Cracked Bone, Whole Grains, etc.

Guaranteed to give ten years of continuous service.

Hopper feeding is decidedly the easiest and most economical method of feeding birds that are being raised for breeding, for market or for egg production.

#### Sizes and Prices:

8 qt. size, for 10 to 15 birds.	\$1.75
16 qt. size, for 15 to 30 birds	\$2.75
32 quart size	\$3.75

### Neponset Waterproof Paper Flower Pots

Unbreakable, light, economical. They last at least one season and their cost is trifling; they nest closely for shipping.

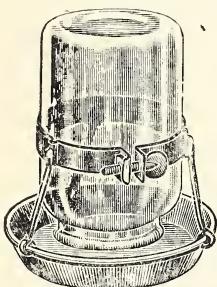
#### PRICES

Ins.	Doz.	P.P.	100 P.P.	1,000
2 $\frac{1}{2}$	12c		\$0.65	\$4.75
3	15c		.80	6.50
3 $\frac{1}{2}$	18c		1.10	8.50
4	25c		1.50	10.75
5	35c		2.50	16.00
6	40c		2.75	22.00

Something New for the Chickens  
**FELKER'S HANDY ATTACHMENT**

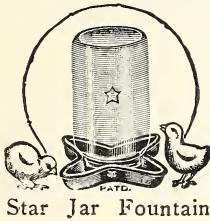
To be used with any make of Fruit Jar  
**A PERFECT FEEDER**

For Sour Milk, Water, Hard Grain or Grit



The Container is made of aluminum, the only metal in which sour milk can be fed with safety. It is rust-proof and non-corroding. The HANDY is adjustable, simple to operate and durable. Every one has some kind of a quart fruit jar--the HANDY fits them all. Price 25c.

**Star Jar Fountain and Feeder**



The most simple, practicable and durable Mason Jar Found on the market.

Will fit pint, quart or one-half gallon Mason jar.

Pan without jar ..... 10c  
 Pan with jar ..... 20c

**The Peerless Brooder Fountain**

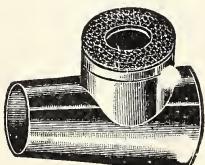
The Ideal Fount for Little Chickens

Price 40c each. \$4.00 per doz.  
 5 qt. size, 98c. 10 qt. size, \$1.39  
 Heater attachment, 5 qt. size or  
 10 qt. size, \$2.00.



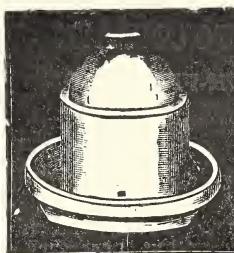
**Egg Tester**

Reliable X-Ray Egg Tester—Tests 6 Eggs at once ..... \$1.00



The tester has been in common use for years, is very popular and fills a longfelt want for something accurate and cheap. Price, 35 cents.

**Earthenware Fountain**

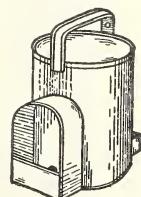


This fountain is the only kind made in this form—2 sections—in earthenware. They can be easily cleaned; and if frozen, can be refilled without trouble. They keep the water always fresh and cool.

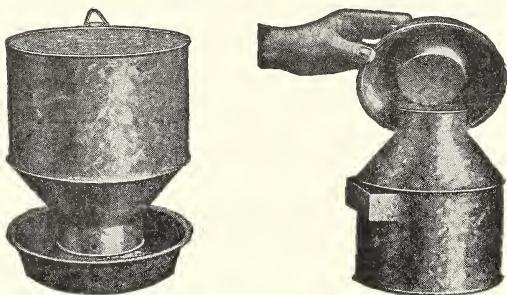
2 Piece, each 1 quart, 35c; 2 quart, 40c; 1 gallon, 60c; 2 galltns, 90c.

**Wall Fountain**

1 quart .....	40c
2 quart .....	75c
4 quart .....	.90c
8 quart .....	1.10

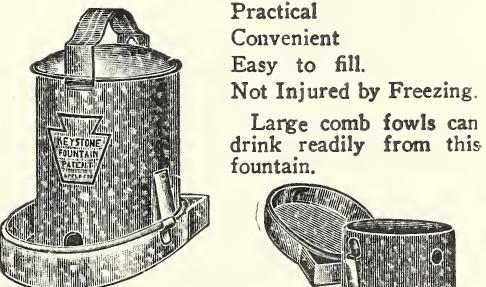


**Sexton Up-to-Date Fountain**



Six quarts, price 98c each.

**KEYSTONE FOUNTAINS**

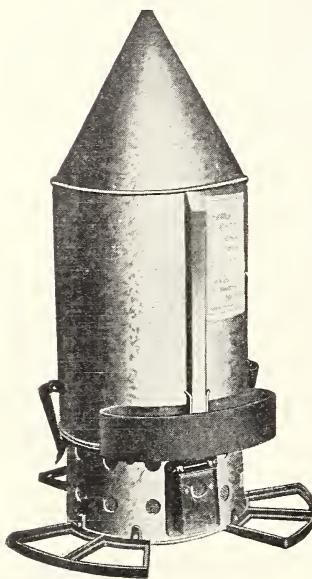


**PRICE:**

1 quart .....	50c
2 quart .....	75c
4 quart .....	1.00
8 quart .....	1.50



## THE NORWICH AUTOMATIC AIR-LOCK FOUNTAIN SANITARY NON-FREEZING

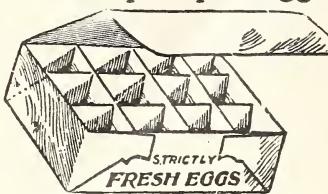


One filling of the oil tank will keep the apparatus burning day and night for two weeks, and it is but necessary to trim the wick occasionally, for the blaze is so small the wick crusting is a very slight matter. To accomplish the cleaning of the wick, the base is fitted with a slide, through which it may be attended without removing the reservoir, while the regulation for a high or low flame is accomplished from the outside of the burner by means of the wheel as shown.

Made in one size only—5 gallons capacity.

Price—Complete with Burner Base ..... \$6.00  
Without Burner Base ..... \$4.00

## Chip Paper Egg Boxes



Just the thing for your family egg trade, they ship knocked down can easily be set up.

Extra heavy, 1 doz. size, 15c dozen.  
\$1.00 per 100; \$7.50 per 1,000  
20 oz. Manilla Board, 20c doz., \$1.25 per 100;  
\$9.00 per 1,000

Long style 2x6 25c doz., \$1.50 per 100;  
\$12.50 per 1,000.

## Surety Egg Carrier



Is made of wood for parcel post. There is no more durable or better carrier made. A necessity to all poultrymen. Prices are as follows:

2 doz. size .....	\$1.45	8 doz. .....	\$2.35
4 doz. size .....	\$1.90	10 doz. .....	\$2.60
6 doz. size .....	\$2.10	12 doz. .....	\$2.85
16 doz. size .....	\$3.50		

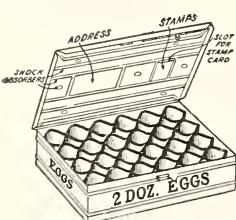
## Aluminized Metal Egg Crates For Parcel Post

Indestructible; made for interchangeable shipments; lasts for years; pays for itself in a few shipments. Buy yours now and realize more money for your Eggs. Your friends want them. Thousands now in daily use.

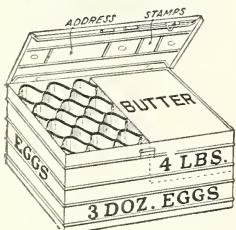
The Metal Edge Filler is a wonder. A new invention and cannot be beat for safely carrying Eggs by mail. Light in weight and very strong.

Price of Eggs in the city is about double the price obtained by the farmer at a local store for selected Eggs. You might as well be receiving this added profit by shipping your Eggs direct.

Butter and Eggs safely carried by mail in same crate. Can also be used in sending other products. Write us about different sizes and prices.



Metal Edge Filler



1½ Doz. size, all eggs .....	New Model	\$1.25
2 Doz. size, all eggs .....	New Model	1.50
3 Doz. size, all eggs .....	New Model	1.75
4 Doz. size, all eggs .....	New Model	2.00
6 Doz. size, all eggs .....	New Model	2.50
9 Doz. size, all eggs .....	New Model	3.25

**Round Baby Chick Feeder**

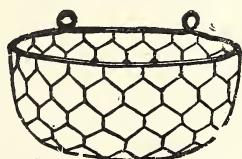
Pure food for the baby chicks. A great feed saver, as the little chicks cannot get into it and contaminate the feed. Cannot be upset. Can also be used for water or milk. This is a practical, well-made feeding device that will last for years. Manufactured in two sizes.



Price 20c and 30c

**Wire Chicken Nests**

These nests are strongly made from heavy Japanned Steel Wire. They are intended to fasten to the wall with screw hooks, there is no room on them for lodgment of life, vermin of any kind, easy to keep clean and far superior to wooden boxes.



Price, each, 25c; per dozen, \$2.75.

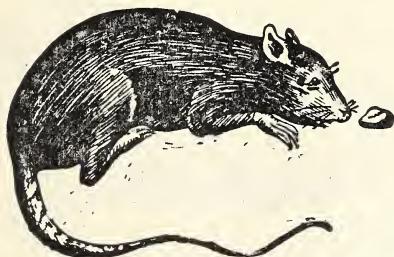
**Pigeon Nests**

Should be used by every pigeon fancier. Made of clay, with heavy bottom to prevent upsetting. Size about 9 inches in diameter.

Price, 18c each; \$1.85 doz.

**Galv. Feed and Drinking Cups**

18  
Cents

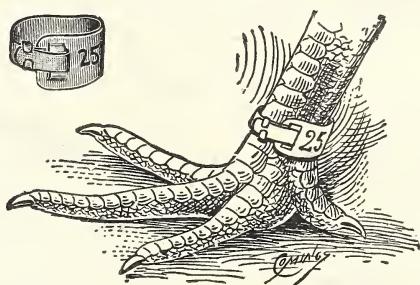
**RAT CORN**

Kills Rats everytime. Can't resist. Not one can escape.

Price 25c, 50c and \$1.00

**Improved Champion Leg Bands  
Aluminum**

Raised Numbers

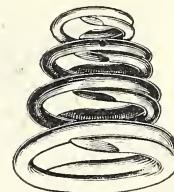


This is a well known band, is one of the best on the market; is light and strong, being held by a double lock, is impossible to come off.

10c doz.; 25 for 20c; 50 for 30c; 100 for 50c.

**Perfecto Leg Bands**

Celluloid.



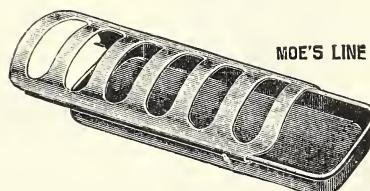
Red, Green,  
Black, Pink,  
Yellow, Lt. Blue,  
Amber and Ruby

Mark each hen for her pen, so that you know where she belongs at a glance.

Mark your old hens to distinguish them from the pullets so that you can catch the right one to kill at the first grab.

Prices, Nos. 1, 2, 3, 4, 15c doz.; 25c for 25, 40c for 50, 75c for 100.

Pigeon and Chick, 10c doz., 20c for 25, 35c for 50, 50c for 100.

**Sanitary Feed Troughs**

Can be used for feed, wet mash or water. Barred top prevents wasting of feed and if used for water does away with the little chicks drowning. The feed saved by using this trough will more than pay for itself in a few weeks. Made of the best grade of galvanized iron in three sizes, namely:

No. 21—12 inches long .....	each 45c
No. 22—18 inches long .....	each 69c
No. 23—24 inches long .....	each 98c

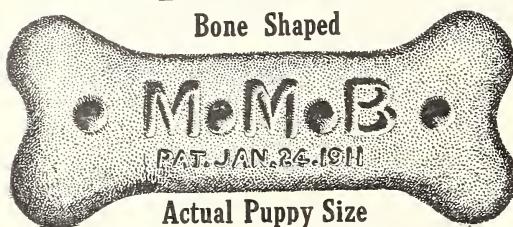


## TOBACCO DUST

Most powerful insect and parasite Destroyer known. Guaranteed to kill insects, lice on flowers, plants, fruit trees, vegetables, human body, cats, fowls, earth worms, ants, also any house bugs or vermin. 20c per pound. Spec. price in quantity lots.

## DOG CAKES

Bone Shaped



Actual Puppy Size

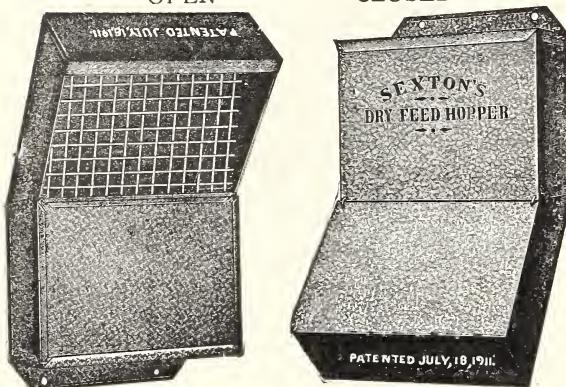
Price 18c and 40c Package

## Spratt's Dog and Puppy Cakes

Dog Cakes, 14c lb.—Puppy Cakes, 14c lb.  
Spec. Price in Quantities

OPEN

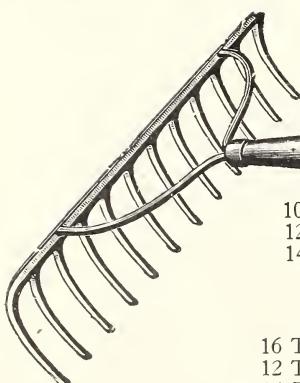
CLOSED



## RAKES AND SCYTHES

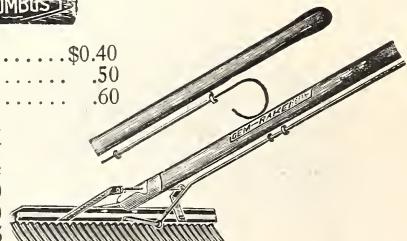
### LAWN RAKES

3 Bow Lawn Wire Bow	.....	\$ .98
Wire Lawn Rakes	.....	1.00
3 Bow Lawn Wood Bows	.....	.90



COLUMBUS CO.

10 Tine Malleable Rake	.....	\$ .40
12 Tine Malleable Rake	.....	.50
14 Tine Malleable Rake	.....	.60
With Bow		
Plain	Brace	
16 Tine Cast Steel Rake	\$ .80	\$ 1.00
12 Tine Cast Steel Rake.	.90	1.10
14 Tine Cast Steel Rake.	1.00	1.25



### GEM DANDELION RAKE

is a perfect dandelion exterminator. The curved teeth, riding along on the sod, just catch the heads and clip them off. The grass is not torn up, as by ordinary rakes, and the juncture of the teeth, though sharp enough to cut the stalks, does not permit them to jam and clog up the implement.



## Disinfectant LICE KILLER

## GERMICIDE

### ZENOLEUM DISINFECTANT ANIMAL DIP.

Eight ounce can, 40c. Quart can, 85c.

One Gallon, \$2.00 Five Gallon can, \$8.50

## SEXTON'S DRY FEED HOPPER

(Patent Pending).

Pronounced to be the best Hopper offered. Simple in construction, easily operated and absolutely "Rat and Mouse Proof."

No. 1, Poultry Size ..... \$1.25 each  
No. 2, Chicken Size ..... \$1.48 each  
No. 5, Extra Large ..... \$2.98 each

Easy to Fill      No Waste  
Rat Proof      Dust Proof

## VILLAGE BLACKSMITH LAWN SPRINKLERS



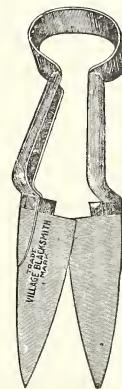
No better apparatus made to distribute water on lawns. DURABLE. SIMPLICITY OF CONSTRUCTION. ATTRACTIVE ACTION. FOOL PROOF. SATISFIES. STAYS SOLD. Revolves rapidly on High or Low pressure. Will not stick. Friction at wearing points reduced to the minimum by use of water absorbing washers and perfect machining. No chance to clog, quick clean-outs provided. Ground covered evenly over 20 feet from sprinkler, at the rate of about 5 gallons per minute. All Tubes and Connections are brass.

Black Finish—Steel Sled Stand

Revolving Sprinkler

No. 5—Stands 4 inches high with revolving head.

Price, \$1.75



## HEDGE SHEARS

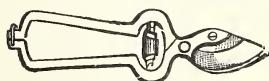
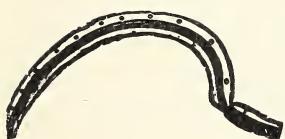
6 in. 8 in. 9 in. 10 in.

All Notched Except  
6 in.

\$1.48, \$1.98, \$2.25  
\$2.48

## GRASS SHEARS

75c, 98c, \$1.48



### PRUNING SHEARS

75c, 98c, \$1.50, 1.98 and  
3.00

Dibble, Iron or Wood  
handle .....

65c  
This tool is indispensable  
for planting smal' roots and  
plants; once tried the gar-  
dener will never dispense  
with it.

Grass Hooks 40c, 60c  
and 98c.



Garden Syringe, 98c and up.



Pruning Saws, 18 in... \$1.39

## Mann's Pat. Bone Cutters

Are one of the best Bone Cutters ever sold to the public and they are one of the most successful Hand and Power Machines on the market today for cutting green bones.

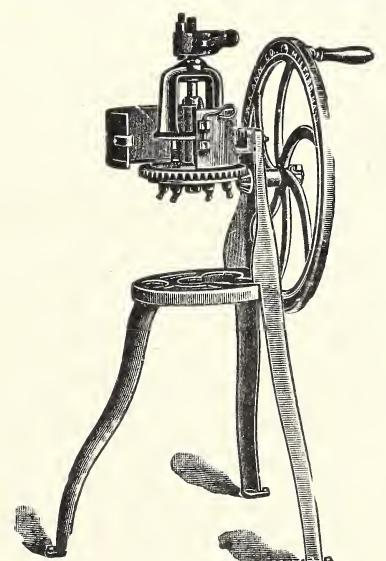
No. 5 B \$12.50, No. 5 BM with legs, \$16.00,  
No. 7, with legs. \$22.00

## No. 32 Hand Mills

In these mills are embodied all the good features of other hand grinding mills, to which have been added universal burrs or grinding plates that are adjustable for grinding coarse or fine. This machine grinds oats, barley, rye, corn, peas, dry bone, shells, etc., for feeding to poultry. It is a well designed machine, is strong and well made throughout and of excellent finish; has a 16 inch flywheel and is light running.

The capacity of this mill is not equalled by any other of the same size.

Shipping weight 40 pounds. Capacity 1 to 2 bushels  
per hour. Price, \$4.98.



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## Foreign Names of Vegetables and Herbs

ENGLISH	GERMAN	FRENCH	ITALIAN	HOLLAND
Anise	Anis, Grvener	Anis	Anaso, Anacio	Anijs
Artichoke	Arrischocke	Artichaut	Articocca	Artisjok
Asparagus	Spargel	Asperge	Sparagio	Aspercie
Balm	Citronen Melisse	Melisse citronelle	Melissa	Citroen Melisse
Basil	Basilikum	Basilic grand	Basilico	
Beans	Bohnen	Haricots	Fagioli	
Beet	Ruebe	Betterave	Barbabietola	Boonen
Borage	Boretsch	Bourrache	Boragine	Bieten
Broccoli	Spargelkohl	Chou Brocoli	Cavolo brocolo	Spruitkool
Brussels Sprouts	Roseukohl	Chou de Bruxelles	Cavolo agermaglia	Slutkool
Cabbage	Kopfkohl, Kra	Chou pomme	Cavolo cappuccio	Savooikool
Cabbage Savoy	Wirsing	Chou de Milan	Cavolo di Milano	Bloemkool
Caraway	Feld Kuemmel	Chou des pres	Carvi	Karvij
Carrot	Carrotten, Moehren	Carotte	Carato	Wortelen
Cauliflower	Blummenkohl	Chou-fleur	Covolo-flore	Seiderij
Celeri	Sellerie	Celeri	Sedano	Knoise erji
Celeriac	Knoll-Sellerie	Celeri-rave	Se ana rapa	Kervil
Chervil	Kerbet	Cerfeuil	Cerfoglio	
Chicory	Chicoreen Wurzel	Chicoree sauvage	Cicoria Wselvatica	Korlander
Coriander	Coriander	Coriandre	Coriandorio	Velesia
Corn Salad	Feldsalat	Mache	Valeriana	
Corn	Mais	Mais		Tunkers
Cress	Garen Kresse	Cresson aleinois	Agretto	Warterkers
Cress, Water	Brunnen Kresse	Cressondefontaine	Nasturzio	Komkomer
Cucumber	Gurken	Concombre	Cotriolo	
Dandelion	Loewenzohne	Pissenlit	Dente di leone	
Dill	Dille	Aneth	Aheto	
Egg Plant	Eier Pflano	Aubergine	Pentonciano	Andijive
Endive	Endiven	Cicoree-Endive	Indivia	Nedkel
Fennel	Fenchel	Fenouil	Finnochio	Knoflook
Garlick	Knoblauch	Ali	Agho	Peperwortel
Horse Radish	Meer Rettig	Panifort sauvage	Ratano	Hijsoop
Hyssop	Isop	Hyssope	Issopo	Boerkool
Kale	Blaetterkohl	Chou-vert	Cavolo verde	Koolrabi
Kohlrabi	Knolkohl	Chou-rave	Cavolo rapa	
Lavender	Lavender	Lavende	Lavada	
Leek	Porre Lauch	Poireau	Porro	Prei
Lettuce	Lattich Kopfsalat	Laitue	Lattuga	Kropsia
Marjoram	Marjoram	Marjolaine	Maggiorana	Marjolijn
Melon	Melone	Melon	Popone	Meleon
Melon, Water	Wasser-Melone	Melon d'eau	Cocomera	Kampernoelle
Mushroom	Schwamm	Champignon	Fungo pratajole	Capucine-Kers
Nasturtium	Kupuciner Kresse	Capucine	Nasturzio	
Okra	Ocher	Gomebeud	Ibisco	Ci Uien
Onion	Zwiebel	Cgnon	Cipollo	Peterselit
Parsley	Zatersille	l'ersil	Prezzemolo	
Parsnip	Pastinake	Panais	Pastinaca	Pinksternadel
Peas	Erbesen	Pois	Pisello	Erwten
Pepper	Pfeffer	Piment	Peperone	Spaansch Peper
Pumpkin	Melonen-Kuerbiss	Potiron	Zucca	Radijs
Radish	Radies	Radis	Ravanello	Rabarber
Rhubarb	Rhabarber	Rhubarbe	Rabarbaro	Rosemarijn
Rosemary	Rosmarin	Romarin	Rosmorino	
Rue	Raute	Rue	Rue	Mijnault
Saffron	Safran	Safran	Rafferano	
Sage	Saldei	Sauge	Salva	Salie
Salsify	Haferwurzel	Salsifs	Barbarli becca	
Sorrel	Sauerampfer	Oseille	Aectosa	Zuring
Summer Savory	Bohnenkraut	Sarriette annulle	Santoreggia	Boonenkruid
Spinach	Spinat	Epinard	Spinnaccio	Spinazie
Squash	Kuerbijs	Courge	Zucca	Pomepon
Tansy	Gemeiner-rainfarm	Tanaise	Atansia	
Thyme	Thymian	Thym	Timo	Tijn
Tomato	Liebessapfel	Pomme d'Amour	Pomo d'oro	Tomaat
Turnip	Weisse-Reube	Navet	Navone	Rapen
Worinwood	Wermuth	Absinthe	Assenzio	Sulkerij

### PLANTING CALENDAR

**FEBRUARY**—Sow in Hot Bed. Early Beans, Cabbage, Cauliflower and Celery, Carrot, Brocoli, Cucumber, Lettuce, Parsley, Radish, Tomato.

**MARCH**—Sow in Hot Bed. Early Beets, Beans, Cabbage and Carrots, Brocoli, Brussels Sprouts, Cauliflower, Celery, Cucumber, Egg Plant, Kohlrabi, Lettuce, Melon, Parsley, Peas, Pepper, Radish, Tomato. Plant in Open Ground. Beet, Early Cabbage, Carrot, Cress, Lettuce, Onion, Peas, Radish, Round Spinach, Early Turnip, Potatoes, Onion Sets, English Beans.

**APRIL**—Sow in Hot Bed. Sweet Corn. Cucumber, Egg Plant, Melon, Pepper, Squash, Tomato. Plant in Open Ground. Asparagus, Beets, Brocoli, Brussels Sprouts, Early Cabbage, Carrot, Cauliflower, Celery, Cress, Kale, Kohlrabi, Lettuce, Melon, Onion, Parsley, Peas, Radish, Round Spinach, Turnip, Sage, Potatoes, Top Onions.

**MAY**—Plant in Open Ground. Asparagus, Beans, Beets, Brocoli, Brussels Sprouts, Late Cabbage, Carrot, Cauliflower, Celery, Sweet Corn, Cress, Cucumber, Kale, Lettuce, Melon, Okra, Onion, Parsley, Parsnip, Peas, Potatoes, Radish, Rhubarb, Kohlrabi, Salsify, Round Spinach, Squash, Tomato, Early Turnip, Herbs.

**JUNE**—Plant in Open Ground. Lima Beans, Beets, Brocoli, Brussels Sprouts, Cabbage, Carrot, Sweet Corn, Cress, Cucumber, Kale, Kohlrabi, Lettuce, Nasturtium, Okra, Peas, Potatoes, Parsnip, Radish, Salsify, Spinach, Squash, Ruta, Baga, Melon, Herbs.

**JULY**—Plant in Open Ground. Beans, Beets, Cauliflower, Celery, Carrot, Sweet Corn, Cress, Cucumber, Late Cabbage, Kale, Kohlrabi, Nasturtium, Okra, Peas, Parsnip, Winter Radish, Spinach, Ruta Baga.

**AUGUST**—Plant in Open Ground. Bush Beans, Late Celery, Late Cabbage, Cucumber, Lettuce, Peas, Radish, Spinach, Turnip.

**SEPTEMBER**—Plant in Open Ground. Cabbage, Cauliflower and Lettuce for Wintering in cold frames; Asparagus, Celery, Kale, Mustard, Winter Radish, Spinach, Turnip.



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